VIRGINIA SURVEY
OF
HUNTER HARVEST, EFFORT AND ATTITUDES

1994-95

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Table of Contents

Contributors ii

List of Tables iv

Introduction 1

Methods 1

Generation of the Sample 1
Development of Survey Instrument 2
Administration of the Survey 3
Response Rate 3
Data Analysis 3

Results 4

Notes 4

References 63

Appendix 64

List of Tables

Table		Page
1	1993-1994 Hunting Population and Survey Sample Statistics	2
2	Distribution of Hunting License Holders Among Three License Categories, 1994-95	3
3	Expanded Statewide Summary of the 1994-95 Virginia Survey of Game Harvest Based on 291,901 License Holders	7
4	Expanded Statewide Estimates of Total Harvest (with Standard Errors) for Virginia Game Species During 1994-95	8
5	Expanded Statewide and Regional Summaries of **DOVE** Hunting in Virginia During the 1994-95 Hunting Season	9
6	Expanded Statewide and Regional Summaries of **QUAIL** Hunting in Virginia During the 1994-95 Hunting Season	10
7	Expanded Statewide and Regional Summaries of **WOODCOCK** Hunting in Virginia During the 1994-95 Hunting Season	11
8	Expanded Statewide and Regional Summaries of **RUFFED GROUSE** Hunting in Virginia During the 1994-95 Hunting Season	12
9	Expanded Statewide and Regional Summaries of **CROW** Hunting in Virginia During the 1994-95 Hunting Season	13
10	Expanded Statewide and Regional Summaries of **RABBIT** Hunting in Virginia During the 1994-95 Hunting Season	14
11	Expanded Statewide and Regional Summaries of **GRAY SQUIRREL** Hunting in Virginia During the 1994-95 Hunting Season	15
12	Expanded Statewide and Regional Summaries of **FOX SQUIRREL** Hunting in Virginia During the 1994-95 Hunting Season	16
13	Expanded Statewide and Regional Summaries of **GROUNDHOG/WOODCHUCK** Hunting in Virginia During the 1994-95 Hunting Season	17
14	Expanded Statewide and Regional Summaries of **ARCHERY DEER** Hunting in Virginia During the 1994-95 Hunting Season	18

Table		Page

15	Expanded Statewide and Regional Summaries of **ARCHERY DEER (BUCK)** Hunting in Virginia During the 1994-95 Hunting Season	19
16	Expanded Statewide and Regional Summaries of **ARCHERY DEER (DOE)** Hunting in Virginia During the 1994-95 Hunting Season	20
17	Expanded Statewide and Regional Summaries of **MUZZLELOADER DEER** Hunting in Virginia During the 1994-95 Hunting Season	21
18	Expanded Statewide and Regional Summaries of **MUZZLELOADER DEER (BUCK)** Hunting in Virginia During the 1994-95 Hunting Season	22
19	Expanded Statewide and Regional Summaries of **MUZZLELOADER DEER (DOE)** Hunting in Virginia During the 1994-95 Hunting Season	23
20	Expanded Statewide and Regional Summaries of **GUN DEER** Hunting in Virginia During the 1994-95 Hunting Season	24
21	Expanded Statewide and Regional Summaries of **GUN DEER (BUCK)** Hunting in Virginia During the 1994-95 Hunting Season	25
22	Expanded Statewide and Regional Summaries of **GUN DEER (DOE)** Hunting in Virginia During the 1994-95 Hunting Season	26
23	Expanded Statewide Summary of **TOTAL DEER** Hunting in Virginia During the 1994-95 Hunting Season	27
24	Expanded Statewide Summary of **TOTAL DEER (BUCKS)** Hunting in Virginia During the 1994-95 Hunting Season	27
25	Expanded Statewide Summary of **TOTAL DEER (DOES)** Hunting in Virginia During the 1994-95 Hunting Season	27
26	Expanded Statewide and Regional Summaries of **SPRING TURKEY (1994)** Hunting in Virginia During the 1994-95 Hunting Season	28
27	Expanded Statewide and Regional Summaries of **FALL TURKEY (1994)** Hunting in Virginia During the 1994-95 Hunting Season	29
28	Expanded Statewide and Regional Summaries of **SPRING TURKEY (1995)** Hunting in Virginia During the 1994-95 Hunting Season	30

Table		Page

29	Expanded Statewide Summary of **BEAR (ARCHERY)** Hunting in Virginia During the 1994-95 Hunting Season	31
30	Expanded Statewide Summary of **GUN BEAR (NO DOGS)** Hunting in Virginia During the 1994-95 Hunting Season	32
31	Expanded Statewide Summary of **GUN BEAR (DOGS)** Hunting in Virginia During the 1994-95 Hunting Season	33
32	Expanded Statewide Summary of **TOTAL BEAR** Hunting in Virginia During the 1994-95 Hunting Season	34
33	Expanded Statewide Summary of **BEAR (GUN)** Hunting in Virginia During the 1994-95 Hunting Season	34
34	Expanded Statewide and Regional Summaries of **TOTAL DUCK** Hunting in Virginia During the 1994-95 Hunting Season	35
35	Expanded Statewide and Regional Summaries of **MALLARD DUCK** Hunting in Virginia During the 1994-95 Hunting Season	36
36	Expanded Statewide and Regional Summaries of **WOOD DUCK** Hunting in Virginia During the 1994-95 Hunting Season	37
37	Expanded Statewide and Regional Summaries of **BLACK DUCK** Hunting in Virginia During the 1994-95 Hunting Season	38
38	Expanded Statewide and Regional Summaries of **ALL OTHER DUCKS** Hunting in Virginia During the 1994-95 Hunting Season	39
39	Expanded Statewide and Regional Summaries of **GOOSE (SEPT.)** Hunting in Virginia During the 1994-95 Hunting Season	40
40	Expanded Statewide and Regional Summaries of **GOOSE (NOV.-JAN.)** Hunting in Virginia During the 1994-95 Hunting Season	41
41	Expanded Statewide and Regional Summaries of **RED FOX** Hunting in Virginia During the 1994-95 Hunting Season	42
42	Expanded Statewide and Regional Summaries of **GRAY FOX** Hunting in Virginia During the 1994-95 Hunting Season	43

Table		Page

43	Expanded Statewide and Regional Summaries of **COYOTE** Hunting in Virginia During the 1994-95 Hunting Season	44
44	Expanded Statewide and Regional Summaries of **RACCOON** Hunting in Virginia During the 1994-95 Hunting Season	45
45	Expanded Statewide and Regional Summaries of **BOBCAT** Hunting in Virginia During the 1994-95 Hunting Season	46
46	Expanded Statewide Summary of **TOTAL SQUIRREL** Hunting in Virginia During the 1994-95 Hunting Season	47
47	Expanded Statewide Summary of **TOTAL GOOSE** Hunting in Virginia During the 1994-95 Hunting Season	47
48	Percent of Hunters who Hunted on **STATE WILDLIFE MGMT. AREAS** During 1994-95 and Mean Number of Days Hunted.	47
49	Perceptions of Hunters Regarding **HUNTING ON WILDLIFE MGMT. AREAS** During 1994-95	48
50	Perceptions of Fall Turkey Hunters Regarding **OVERALL QUALITY OF FALL TURKEY HUNTING** During 1994	48
51	Perceptions of Spring Turkey Hunters Regarding **OVERALL QUALITY OF SPRING TURKEY HUNTING** During 1995	48
52	Perceptions of Deer Hunters Regarding **OVERALL QUALITY OF DEER HUNTING** During 1994-95	48
53	Perceptions of Bear Hunters Regarding **THE IMPORTANCE OF SELECTED HUNTING SEASONS**	49
54	Preferences of Rabbit Hunters Regarding **SEASON CLOSING DATES**	49
55	Perceptions of Rabbit Hunters Regarding **REASONS THEY OPPOSED/STRONGLY OPPOSED FEBRUARY CLOSING DATES**	49
56	Perceptions of Dove Hunters Regarding **DIFFICULTY LOCATING PLACES TO HUNT** in 1994-95	50

Table		Page

57 Perceptions of Dove Hunters Regarding **TRENDS IN DOVE POPULATIONS OVER THE PAST 10 YEARS** 50

58 Perceptions of Grouse Hunters Regarding **TRENDS IN RUFFED GROUSE POPULATIONS OVER THE PAST 10 YEARS** 50

59 Perceptions of Grouse Hunters Regarding **IMPORTANCE OF SELECTED BARRIERS TO HUNTING RUFFED GROUSE** 51

60 Statewide and Regional Distribution of **RUFFED GROUSE HUNTING ACROSS EIGHT TYPES OF LAND** During the 1994-95 Hunting Season 52

61 Statewide and Regional Summaries of **PREFERENCES FOR 121-DAY CROW SEASONS** 52

62 Perceptions of Deer (Gun) Hunters Regarding **TRENDS IN DEER POPULATIONS IN THE AREA THEY HUNTED in 1994** 52

63 Opinions of Deer (Gun) Hunters Regarding **THE APPROPRIATE NUMBER OF DOE DAYS** 53

64 Mean Rankings of Deer (Gun) Hunters Regarding **THE MOST PREFERRED METHODS OF REDUCING BUCK HARVEST** 53

65 Statewide and Regional Distribution of **DEER (GUN) HUNTING ACROSS EIGHT TYPES OF LAND** During the 1994-95 Hunting Season 53

66 Statewide Summary of Respondents' Perceptions Regarding the **IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES** (1994-95) 54

67 Region 1 Summary of Respondents' Perceptions Regarding the **IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES** (1994-95) 55

68 Region 2 Summary of Respondents' Perceptions Regarding the **IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES** (1994-95) 56

69 Region 3 Summary of Respondents' Perceptions Regarding the **IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES** (1994-95) 57

Table		Page
70	Region 4 Summary of Respondents' Perceptions Regarding the **IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES** (1994-95)	58
71	Region 5 Summary of Respondents' Perceptions Regarding the **IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES** (1994-95)	59
72	Statewide and Regional Summaries of Gun Deer Hunters' Perceptions of THE **IMPORTANCE OF SELECTED ATTRIBUTES ASSOCIATED WITH HARVESTING DEER**	60
73	Mean Number of **ANIMALS SEEN BY ARCHERY DEER HUNTERS** in 1994-95 by Region	60
74	Summary of Gun Deer Hunters' Perceptions Regarding **BONUS DEER PERMITS**	61
75	Miscellaneous Statistics Regarding **DOVE & RUFFED GROUSE HUNTING During** 1994-95	62

Virginia Survey of Hunter Harvest, Effort and Attitudes
1994-95

The Department of Game and Inland Fisheries, being the agency primarily responsible for managing the state's fish and wildlife resources, depends upon accurate population indices to monitor the health of wildlife species. Various techniques are used annually to establish indices of population numbers. Walking transects, enumerating the presence of species by counting tracks, droppings, etc. within quadrants, and conducting call counts along highways are excellent examples of these techniques (for a detailed analysis of estimating wildlife populations, see Davis and Winstead 1980).

Another group of indices important to wildlife managers involves precise estimates of harvest and hunter efforts. Game harvest surveys collect data which are used to generate indices that can be used to monitor changes in harvest and hunter effort across seasons. These data, in turn, can be used to regulate harvests, evaluate habitat conditions, and monitor various aspects of the socio-economic environment (Steffen, 1987:7).

Although some researchers have attempted to estimate game harvests through unobtrusive observation techniques (see Jackson and Norton, 1979), and some management areas are conducive to conducting counts at check stations, this is not feasible for producing statewide or regional estimates. Therefore, game harvest surveys are typically conducted through the use of mail questionnaires. Filion (1980) provides an excellent overview of the use of human surveys in wildlife management.

The purpose of this study was to:

(a) develop the procedures and instrumentation to conduct annual game harvest surveys through mail questionnaires;

(b) estimate game harvest and hunter effort indices for major game and furbearing species in Virginia; and,

(c) collect and analyze other socio-psychological data deemed important to the agency, such as hunters' satisfaction, attitudes, beliefs, preferences, and constraints.

Methods

Generation of the Sample

A random sample of 5,000 Virginia hunters was drawn from license records maintained by the Administrative Services Division of the Department of Game and Inland Fisheries. A random sampling design was developed to select potential survey participants from these files. All persons who purchased a general state resident hunting license, a county-city license, or a senior license for the 1993-94 season were eligible to be drawn (N = 291,139). To ensure the representativeness of the sample, the number of license holders within each of the three categories

was determined and the number of names selected was proportionate to the number of licenses sold (see Table 1).

Consideration was also given to ensuring the representativeness of the sample geographically across the state. The most preferred method would be to select hunters based on where they hunted; but, there was no way to determine the distribution of hunting across the state. The most feasible strategy, then, was to select hunters proportionately, based on where they purchased their license (i.e., if a license agent sold 2% of the total licenses within one of the

Table 1.
1992-1993 Hunting Population and Survey Sample Statistics

	Population	Sample	Pct.
State Resident Licenses	257,687	4425	88.5%
County/City Licenses	20,885	360	7.2%
Senior (65+) Licenses	12,567	215	4.3%
TOTALS	291,139	5,000	100%

three categories, then 100 license holders - 2% of 5,000 - were drawn from that license agent's returned license stubs). The social security number of each hunter selected was entered into a computer file and submitted to the Virginia Department of Motor Vehicles (DMV). The DMV, in turn, provided researchers with names and addresses of all hunters selected. In general, the sampling procedures used in this study were built upon the work described by Steffen (1987) in Mississippi.

Development of Survey Instrument

A survey instrument was developed to collect harvest data for selected Virginia game and furbearing species. The design of this instrument was developed to allow the replication of this data collection effort on an annual basis. Game harvest data served as the core of the survey instrument. However, hunter effort data, preferences for seasons and bag limits, and other socio-economic data were collected as well. VDGIF staff biologists and administrators were polled to determine general areas of needed data and used to refine the instrument (Appendix A).

Administration of the Survey

Procedures outlined by Dillman (1978) were employed to collect the data. A questionnaire, a self-addressed prestamped envelope, and a personalized cover letter explaining the importance of the study were mailed to each of the 5,000 study participants. One week after the initial mailing, a post card reminder was sent to each person to encourage early response. Non-respondents to the first mailing were identified and two follow-up mailings were sent, when necessary.

Response Rate

By the end of the data collection period, a total of 340 surveys were returned as undeliverable (persons moved, wrong address given, etc.). They were removed from the original sample. Another 3,279 questionnaires had been returned. Of that total, 493 persons either did not purchase a license in 1994-95 (404 persons) or refused or failed to complete the survey (89 persons), and were subsequently removed from the sample as well. Consequently, a total of 2,786 usable questionnaires were received, resulting in an effective response rate of 66.8% (effective n = 4,167).

Data Analyses

Data from returned questionnaires were entered into a computer file and analyzed using standard statistical techniques. Estimates of state-wide and regional harvests of each species were generated with the level of precision (std. error) of each estimate specified. Estimates were based on the total licenses sold within the three categories (state resident, county/city, and senior) as depicted in Table 2.

Table 2.
Distribution of Hunting License Holders Among Three License Categories, 1994-95

	Population	Pct.
State Resident Licenses	256,289	87.8%
County/City Licenses	22,476	7.7%
Senior (65+) Licenses	13,136	4.5%
TOTALS	291,901	100%

Regional comparisons were made based on the five regions of Virginia depicted in Figure 1. Please note that regions were renumbered after the 1993-94 study. For a detailed account of the statistical formulas used for specific statewide and regional calculations of estimates and standard errors, readers are encouraged to see Steffen (1987).

Results

Results are provided on the following pages in tabular form. Analyses are segmented into three sections of information. The first section provides estimates and standard errors of harvest and effort for 45 game species (or subpopulations of game animals) during the 1994-95 hunting seasons. Statewide summaries are shown in Tables 3 and 4. Regional estimates are provided in Tables 5-45. The second section assesses hunters' preferences for selected season dates, bag limits and other data pertinent to management of hunting in Virginia. This information is included in Tables 48-71.

The third section of assesses the importance hunters assign to specific attributes of a deer (gun) hunting experience, as well as an evaluation of their actual experiences during the 1994-95 season. The differences found to occur between a hunter's perceptions of how "essential" a particular attribute of a deer hunting experience is (scored as 1 to 7), and how they perceived their actual experiences to have been (also scored 1 to 7), result in a diagnostic evaluation of hunters' satisfaction with deer (gun) hunting during a particular season. As with previous analyses, these data are summarized statewide and regionally in Tables 72-77.

Finally, an assessment of the types of land on which respondents hunted during the 1994-95 season was conducted. The number of days spent hunting on eight different types of land (VDGIF wildlife management areas, national forest, private land, etc.) is presented in the final three tables (Tables 78-80) for two species (ruffed grouse and deer).

Notes

Several important points should be considered when interpreting the tables. They are summarized below.

1. When considering statistics given in this report, it is important to remember that they should not be viewed as absolute numbers, especially when comparing these statistics with other statistics from other studies. Rather, the data provided here are only indices of harvest and effort, for use in conjunction with past and future mail surveys to determine trends. Response and non-response biases exist in all survey efforts. However, when care is taken to fully replicate study methods in subsequent studies, biases should be constant, therefore providing indices of trends over time.

2. Total Harvest and Total Man-Days statistics are derived from a formula utilizing the total number of licenses sold for the 1994-95 hunting season (n=291,901). However, the statistics reported for Spring Turkey (1994) used a factor of 291,139 since this season was actually

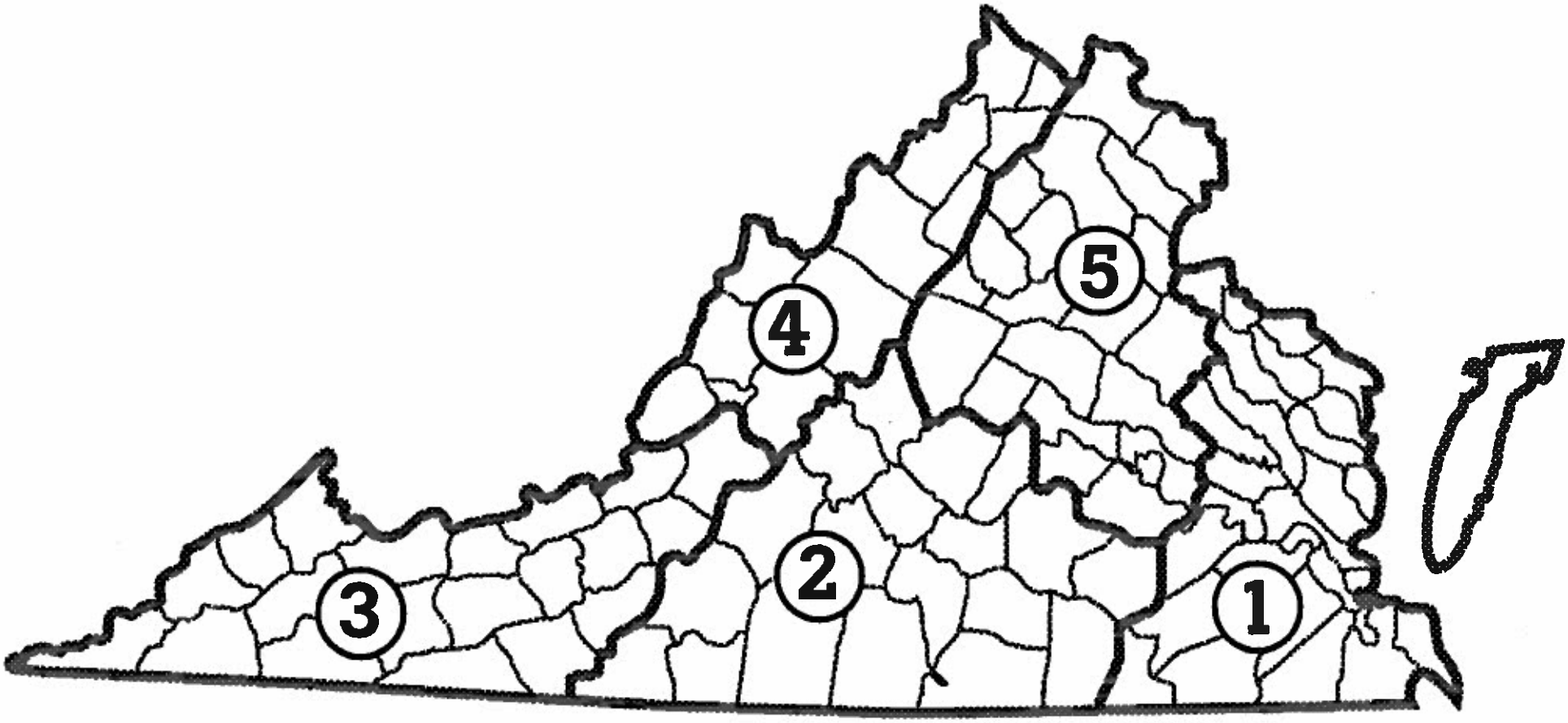

fig. 1

during the 1993-94 hunting season. Total Harvest statistics include all animals harvested regardless of whether or not a hunter was hunting specifically for that animal (incidental kills).

3. Statistics for (a) Average Daily Kill, (b) Average Seasonal Harvest, (c) Percent Successful Hunters, (d) Average Seasonal Days Hunting, (e) Total Hunters, and (f) Percent of Total Licenses/Hunters Per Region were calculated using data only from those hunters who reported hunting specifically for that game animal.

4. Totals may not always total 100 percent due to rounding errors and missing values.

5. Regions were renumbered between the study reported here and the 1993-94 study. The composition of the regions, however, is consistent between studies. Please refer to the map included as part of the survey instrument, included as Appendix A.

6. Parenthetical notations displayed immediately following table number (e.g., Q24) refer to question numbers in the survey instrument.

LE 3. EXPANDED STATEWIDE SUMMARY OF THE 94-95 VIRGINIA SURVEY OF GAME HARVEST BASED ON 291,901 LICENSE HOLDERS.

SPECIES		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT TOTAL LICENSEES
E		1,336,919	4.346	18.23	85.4	300,073	4.19	71,561	24.5
IL		185,136	1.192	6.06	60.8	141,026	5.08	27,765	9.5
DDCOCK		11,630	0.405	1.53	40.8	19,383	3.78	5,134	1.8
FED GROUSE		68,418	0.363	1.87	48.8	176,021	5.15	34,156	11.7
W		321,133	2.493	14.41	84.8	119,966	5.78	20,745	7.1
BIT		627,912	1.167	7.39	80.5	504,173	6.33	79,628	27.3
AL SQUIRREL		1,565,956	1.410	11.85	89.9	1,051,933	8.41	125,100	42.9
AY SQUIRREL		1,392,450	1.641	10.77	89.5	794,398	6.56	121,119	41.5
X SQUIRREL		173,506	0.593	3.83	73.9	257,535	6.47	39,814	13.6
UNDHOG/ DDCHUCK		532,358	1.053	9.47	89.7	393,008	9.00	43,691	15.0
AL DEER		336,954	0.078	1.32	57.1	4,120,771	16.89	244,019	83.6
CK		191,737	0.045	0.75	45.1	—	—	—	—
E		145,217	0.034	0.57	35.3	—	—	—	—
HERY		37,823	0.040	0.45	29.9	857,891	11.02	77,847	26.7
CK		19,697	0.021	0.23	18.4	—	—	—	—
E		18,126	0.020	0.22	16.8	—	—	—	—
ZLELOADER		56,264	0.080	0.57	36.6	690,357	7.17	96,288	33.0
CK		38,976	0.056	0.40	29.7	—	—	—	—
E		17,288	0.024	0.17	12.6	—	—	—	—
		242,867	0.088	0.96	50.3	2,572,522	10.87	236,685	81.1
CK		133,063	0.048	0.52	37.6	—	—	—	—
E		109,804	0.040	0.44	30.4	—	—	—	—
LY 1994		52,443	0.032	0.40	27.9	971,074	8.01	163,808	41.6
RING 1994 *		18,706	0.049	0.28	21.3	350,496	5.62	62,387	21.4
L 1994		33,737	0.046	0.28	22.8	620,578	6.12	101,421	34.7
RING 1995		18,761	0.047	0.28	22.2	371,634	5.91	62,865	21.5
AL BEAR		1,886	0.009	0.07	4.0	138,931	7.53	18,440	6.3
CHERY		524	0.013	0.09	1.7	39,395	6.48	6,077	2.1
N		1,362	0.006	0.04	3.6	99,536	6.93	14,354	4.9
D DOGS SEASON		838	0.006	0.02	2.3	32,398	3.58	9,011	3.1
DOGS SEASON		524	0.006	0.06	4.6	67,265	9.88	6,810	2.3
AL DUCKS		197,395	1.504	10.57	84.6	124,472	7.03	17,707	6.1
LARD		73,342	0.566	3.98	64.5	—	—	—	—
NO		48,510	0.380	2.67	52.7	—	—	—	—
ACK		21,269	0.160	1.12	27.8	—	—	—	—
OTHERS		54,273	0.398	2.80	32.0	—	—	—	—
AL GEESE		33,737	0.581	2.68	57.9	55,006	4.61	11,944	4.1
P		6,391	0.659	1.38	38.5	8,592	2.10	4,086	1.4
VAN		27,346	0.558	2.45	54.5	46,415	4.39	10,582	3.6
FOX		17,497	0.202	1.37	61.1	63,703	6.76	9,430	3.2
FOX		16,554	0.193	1.29	60.3	54,902	6.72	8,172	2.8
E		2,096	0.036	0.38	28.6	23,469	10.67	2,200	0.8
OON		128,139	0.331	6.58	81.9	322,810	19.88	16,240	5.6
		2,410	0.029	0.24	78.0	35,728	8.32	4,296	1.5
291 139 TOTAL LICENSES '93-'94									

LE 4. EXPANDED STATEWIDE ESTIMATES OF TOTAL HARVEST (WITH STD ERRORS) FOR VIRGINIA GAME SPECIES DURING 94-95.

SPECIES	TOTAL HARVEST	STANDARD ERROR SE	STANDARD ERROR AS % OF TOTAL *	95% CONFIDENCE INTERVAL LOWER LIMIT	95% CONFIDENCE INTERVAL UPPER LIMIT
E	1,336,919	72,729	5.4	1,191,462	1,482,376
L	185,136	24,575	13.3	135,987	234,285
DCOCK	11,630	2,738	23.5	6,154	17,105
ED GROUSE	68,418	9,877	14.4	48,663	88,172
W	321,133	68,936	21.5	183,261	459,006
IT	627,912	38,223	6.1	551,467	704,357
L SQUIRREL	1,565,956	58,047	3.7	1,449,862	1,682,049
AY SQUIRREL	1,392,450	52,087	3.7	1,288,275	1,496,624
X SQUIRREL	173,506	14,390	8.3	144,725	202,287
UNDHOG/ DCHUCK	532,358	45,697	8.6	440,964	623,752
L DEER	336,954	9,779	2.9	317,397	356,511
CK	191,737	5,831	3.0	180,075	203,398
	145,217	5,607	3.9	134,004	156,430
HERY	37,823	2,816	7.4	32,191	43,456
CK	19,697	1,707	8.7	16,283	23,112
	18,126	1,748	9.6	14,629	21,622
LELOADER	56,264	3,929	7.0	48,406	64,121
CK	38,976	2,520	6.5	33,936	44,016
	17,288	2,284	13.2	12,719	21,857
	242,867	7,179	3.0	228,508	257,225
CK	133,063	4,304	3.2	124,455	141,672
	109,804	4,320	3.9	101,163	118,444
EY 1994	52,443	3,891	7.4	44,661	60,225
RING 1994 **	18,706	1,720	9.2	15,265	22,147
L 1994	33,737	2,175	6.4	29,387	38,087
RING 1995	18,761	1,746	9.3	15,269	22,254
L BEAR	1,886	694	36.8	498	3,274
CHIRY BEAR	524	524	100.0	0	1,572
BEAR	1,362	456	33.5	450	2,274
DOGS BEAR	838	331	39.5	176	1,500
DS BEAR	524	277	52.9	0	1,078
L DUCKS	197,395	25,787	13.1	145,821	248,968
LARD	73,342	11,165	15.2	51,011	95,672
OO	48,510	7,028	14.5	34,454	62,567
CK	21,269	4,075	19.2	13,119	29,420
OTHERS	54,273	11,656	21.5	30,961	77,585
L GEESE	33,737	6,218	18.4	21,301	46,173
T.	6,391	1,802	28.2	2,787	9,995
-JAN	27,346	5,383	19.7	16,580	38,112
OX	17,497	3,135	17.9	11,227	23,767
FOX	16,554	3,061	18.5	10,433	22,675
TE	2,096	678	32.4	739	3,452
OON	128,139	18,103	14.1	91,933	164,345
AT	2,410	543	22.5	1,325	3,495

% = 100(SE/TOTAL HARVEST)

201,139 TOTAL LICENSES '93-'94

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	435,966	4.844	19.08	86	87,906	3.94	22,317	31.3
1	(SE)	42,815	0.344	1.43	2	8,157	0.26	1,470	1.8
	N	2,786	213	213	213	2,786	213	2,786	681
	ESTIMATE	384,731	3.977	19.31	90	95,659	4.86	19,698	27.6
2	(SE)	36,824	0.380	1.28	2	10,832	0.43	1,388	1.7
	N	2,786	188	188	188	2,786	188	2,786	681
	ESTIMATE	101,736	4.370	17.09	80.4	22,945	3.91	5,867	8.2
3	(SE)	33,140	0.828	5.22	5.4	4,721	0.62	776	1.1
	N	2,786	56	56	56	2,786	56	2,786	681
	ESTIMATE	137,149	4.544	18.24	84.5	29,861	4.01	7,439	10.4
4	(SE)	23,729	0.420	2.38	4.3	4,895	0.46	872	1.2
	N	2,786	71	71	71	2,786	71	2,786	681
	ESTIMATE	243,076	3.817	14.17	81.7	59,512	3.71	16,030	22.5
5	(SE)	26,681	0.317	1.12	3.1	7,080	0.33	1,260	1.6
	N	2,786	153	153	153	2,786	153	2,786	681
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	1,336,919	4.346	18.23	85.4	300,073	4.19	71,561	24.5
STATEWIDE	(SE)	72,729	0.194	0.80	1.4	16,143	0.18	2,379	0.8
	N	2,786	683	683	683	2,786	683	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	81,619	1.493	9.68	72.2	48,930	6.49	7,544	26.2
1	(SE)	19,633	0.308	2.32	5.3	9,966	1.09	878	2.7
	N	2,786	72	72	72	2,786	72	2,786	275
	ESTIMATE	65,065	1.177	6.90	66.3	51,025	5.87	8,696	30.2
2	(SE)	13,054	0.162	1.30	5.2	8,131	0.69	940	2.8
	N	2,786	83	83	83	2,786	83	2,786	275
	ESTIMATE	10,058	0.483	2.06	41.2	15,192	4.26	3,562	12.4
3	(SE)	3,549	0.206	0.85	8.6	3,593	0.71	607	2.0
	N	2,786	34	34	34	2,786	34	2,786	275
	ESTIMATE	8,382	1.082	2.12	36.0	5,134	1.96	2,619	9.1
4	(SE)	2,986	0.528	0.93	9.8	1,414	0.38	522	1.7
	N	2,786	25	25	25	2,786	25	2,786	275
	ESTIMATE	31,432	1.066	3.97	59.0	23,784	3.72	6,391	22.2
5	(SE)	6,940	0.176	0.80	6.3	4,893	0.61	809	2.5
	N	2,786	61	61	61	2,786	61	2,786	275
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	185,136	1.192	6.06	60.8	141,026	5.08	27,765	9.5
STATEWIDE	(SE)	24,575	0.126	0.79	3.0	13,990	0.41	1,623	0.6
	N	2,786	265	265	265	2,786	265	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
1	ESTIMATE	4,400	0.333	1.07	53.3	5,029	3.20	1,572	22.4
	(SE)	1,538	0.121	0.32	13.3	1,813	0.83	405	5.1
	N	2,786	15	15	15	2,786	15	2,786	67
2	ESTIMATE	5,868	0.256	1.57	42.9	9,011	6.14	1,467	20.9
	(SE)	1,859	0.129	0.59	13.7	3,550	1.85	391	5.0
	N	2,786	14	14	14	2,786	14	2,786	67
3	ESTIMATE	4,400	0.271	1.33	25.0	6,182	4.92	1,257	17.9
	(SE)	1,964	0.214	1.08	13.1	2,696	1.68	362	4.7
	N	2,786	12	12	12	2,786	12	2,786	67
4	ESTIMATE	4,400	0.500	1.36	36.4	3,143	2.73	1,153	16.4
	(SE)	1,777	0.360	0.90	15.2	1,341	0.86	347	4.6
	N	2,786	11	11	11	2,786	11	2,786	67
5	ESTIMATE	4,191	0.400	0.93	40.0	3,667	2.33	1,572	22.4
	(SE)	1,587	0.216	0.43	13.1	1,361	0.64	405	5.1
	N	2,786	15	15	15	2,786	15	2,786	67
									PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	11,630	0.405	1.53	40.8	19,383	3.78	5,134	1.8
	(SE)	2,738	0.121	0.39	7.1	4,547	0.71	727	0.2
	N	2,786	49	49	49	2,786	49	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	4,086	0.353	1.50	50.0	7,125	4.25	1,676	4.6
1	(SE)	1,678	0.096	0.55	12.9	2,454	1.04	418	1.1
	N	2,786	16	16	16	2,786	16	2,786	345
	ESTIMATE	7,439	0.326	1.14	42.9	18,021	3.51	5,134	14.2
2	(SE)	2,014	0.067	0.26	7.1	3,352	0.43	727	1.9
	N	2,786	49	49	49	2,786	49	2,786	345
	ESTIMATE	39,186	0.412	2.63	57.1	89,058	6.39	13,935	38.6
3	(SE)	8,711	0.071	0.58	4.3	11,251	0.60	1,179	2.6
	N	2,786	133	133	133	2,786	133	2,786	345
	ESTIMATE	16,449	0.268	1.17	42.2	53,120	4.37	12,154	33.6
4	(SE)	2,927	0.037	0.19	4.6	8,269	0.55	1,105	2.5
	N	2,786	116	116	116	2,786	116	2,786	345
	ESTIMATE	6,810	0	1.58	39	12,887	3.97	3,248	9.0
5	(SE)	2,271	0.148	0.51	8.9	3,414	0.79	580	1.5
	N	2,786	31	31	31	2,786	31	2,786	345
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	68,418	0.363	1.87	48.8	176,021	5.15	34,156	11.7
STATEWIDE	(SE)	9,877	0.042	0.27	2.8	14,906	0.34	1,778	0.6
	N	2,786	326	326	326	2,786	326	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	49,977	1.849	8.52	78.3	22,212	4.61	4,820	19.5
1	(SE)	13,430	0.391	2.40	6.1	5,592	0.95	705	2.6
	N	2,786	46	46	46	2,786	46	2,786	236
	ESTIMATE	135,054	3.005	16.46	88.7	40,757	5.48	7,439	30.1
2	(SE)	40,833	0.764	5.13	3.8	8,025	0.87	872	3.0
	N	2,786	71	71	71	2,786	71	2,786	236
	ESTIMATE	83,400	3.013	15.32	78.7	25,041	5.09	4,924	19.9
3	(SE)	50,734	1.936	10.14	6.0	7,027	1.24	712	2.6
	N	2,786	47	47	47	2,786	47	2,786	236
	ESTIMATE	42,119	2.000	9.47	85.3	16,869	4.74	3,562	14.4
4	(SE)	11,553	0.498	2.66	6.2	4,627	1.03	607	2.3
	N	2,786	34	34	34	2,786	34	2,786	236
	ESTIMATE	54,378	1.509	10.84	89.5	28,603	7.18	3,981	16.1
5	(SE)	16,989	0.406	3.75	5.0	7,766	1.59	642	2.4
	N	2,786	38	38	38	2,786	38	2,786	236
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	321,133	2.493	14.41	84.8	119,966	5.78	20,745	7.1
STATEWIDE	(SE)	68,936	0.502	3.17	2.6	14,732	0.59	1,421	0.5
	N	2,786	198	198	198	2,786	198	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	120,281	1.127	6.70	76.1	96,497	5.94	16,240	20.3
1	(SE)	15,372	0.120	0.77	3.4	13,158	0.67	1,268	1.5
	N	2,786	155	155	155	2,786	155	2,786	764
	ESTIMATE	193,413	1.236	8.17	81.1	142,703	6.61	21,583	27.0
2	(SE)	23,849	0.116	0.93	2.7	16,179	0.61	1,447	1.6
	N	2,786	206	206	206	2,786	206	2,786	764
	ESTIMATE	124,681	1.067	6.66	79.9	107,289	6.24	17,183	21.5
3	(SE)	14,487	0.116	0.66	3.1	12,381	0.55	1,302	1.5
	N	2,786	164	164	164	2,786	164	2,786	764
	ESTIMATE	85,391	1.187	6.75	74.8	66,113	5.68	11,630	14.5
4	(SE)	17,758	0.239	1.39	4.1	10,960	0.78	1,082	1.3
	N	2,786	111	111	111	2,786	111	2,786	764
	ESTIMATE	88,953	0.986	5.95	75.8	80,991	6.04	13,411	16.8
5	(SE)	12,494	0.130	0.76	3.8	11,851	0.72	1,158	1.4
	N	2,786	128	128	128	2,786	128	2,786	764
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	627,912	1.167	7.39	80.5	504,173	6.33	79,628	27.3
STATEWIDE	(SE)	38,223	0.059	0.42	1.4	27,683	0.29	2,464	0.8
	N	2,786	760	760	760	2,786	760	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	223,798	1.928	10.75	89.6	106,870	5.57	19,174	15.8
1	(SE)	21,609	0.140	0.80	2.3	10,734	0.39	1,370	1.1
	N	2,786	183	183	183	2,786	183	2,786	1160
	ESTIMATE	383,474	1.520	11.76	88.7	237,523	7.74	30,699	25.3
2	(SE)	32,457	0.091	0.82	1.9	21,649	0.56	1,697	1.3
	N	2,786	293	293	293	2,786	293	2,786	1160
	ESTIMATE	319,771	1.515	10.50	90.8	197,499	6.93	28,499	23.4
3	(SE)	26,065	0.089	0.66	1.8	17,903	0.49	1,642	1.2
	N	2,786	272	272	272	2,786	272	2,786	1160
	ESTIMATE	251,249	1.695	10.18	86.5	139,769	6.01	23,260	19.1
4	(SE)	24,102	0.122	0.79	2.3	13,472	0.43	1,498	1.2
	N	2,786	222	222	222	2,786	222	2,786	1160
	ESTIMATE	229,560	1.785	10.67	88.9	119,024	5.98	19,907	16.4
5	(SE)	22,654	0.133	0.81	2.3	12,672	0.48	1,394	1.1
	N	2,786	190	190	190	2,786	190	2,786	1160
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	1,392,450	1.641	10.77	89.5	794,398	6.56	121,119	41.5
STATEWIDE	(SE)	52,087	0.054	0.35	0.9	3,300	0.23	2,725	0.9
	N	2,786	1,156	1,156	1,156	2,786	1,156	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	11,316	0.363	2.18	46.4	17,602	6.00	2,934	6.6
1	(SE)	2,854	0.119	0.61	9.6	4,475	1.05	552	1.2
	N	2,786	28	28	28	2,786	28	2,786	425
	ESTIMATE	19,593	0.327	2.79	46.2	46,520	8.54	5,448	12.2
2	(SE)	5,117	0.071	0.83	7.0	9,981	1.42	749	1.6
	N	2,786	52	52	52	2,786	52	2,786	425
	ESTIMATE	72,504	0.575	3.45	76.0	104,879	5.99	17,497	39.3
3	(SE)	9,178	0.069	0.40	3.3	13,208	0.61	1,313	2.4
	N	2,786	167	167	167	2,786	167	2,786	425
	ESTIMATE	63,388	0.649	3.92	71.4	88,639	6.04	14,668	32.9
4	(SE)	8,567	0.083	0.48	3.8	10,872	0.55	1,208	2.3
	N	2,786	140	140	140	2,786	140	2,786	425
	ESTIMATE	14,564	0.448	2.39	39.5	21,269	5.34	3,981	8.9
5	(SE)	4,007	0.153	0.81	8.0	4,463	0.73	642	1.4
	N	2,786	38	38	38	2,786	38	2,786	425
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	173,506	0.593	3.83	73.9	257,535	6.47	39,814	13.6
STATEWIDE	(SE)	14,390	0.044	0.29	2.3	20,561	0.41	1,898	0.7
	N	2,786	380	380	380	2,786	380	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	111,584	0.893	8.19	87.1	81,619	9.16	8,906	14.0
1	(SE)	18,245	0.117	1.20	3.7	13,812	1.21	951	1.4
	N	2,786	85	85	85	2,786	85	2,786	606
	ESTIMATE	164,496	1.075	9.69	88.4	114,309	9.02	12,678	20.0
2	(SE)	30,287	0.177	2.03	2.9	16,842	1.06	1,127	1.6
	N	2,786	121	121	121	2,786	121	2,786	606
	ESTIMATE	236,056	0.969	8.98	92.9	176,649	9.26	19,069	30.0
3	(SE)	30,590	0.098	1.06	1.9	20,271	0.83	1,367	1.9
	N	2,786	182	182	182	2,786	182	2,786	606
	ESTIMATE	131,597	0.907	7.65	89.9	105,088	8.43	12,468	19.6
4	(SE)	18,636	0.114	0.95	2.8	15,005	0.94	1,118	1.6
	N	2,786	119	119	119	2,786	119	2,786	606
	ESTIMATE	116,404	1.005	8.32	83.8	85,915	8.28	10,373	16.3
5	(SE)	19,866	0.146	1.36	3.7	13,602	1.03	1,024	1.5
	N	2,786	99	99	99	2,786	99	2,786	606
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	532,358	1.053	9.47	89.7	393,008	9.00	43,691	15.0
STATEWIDE	(SE)	45,697	0.075	0.83	1.5	29,828	0.55	1,973	0.7
	N	2,786	417	417	417	2,786	417	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	6,601	0.033	0.33	23.7	136,626	9.95	13,725	16.0
1	(SE)	1,265	0.006	0.06	3.7	18,095	1.01	1,171	1.3
	N	2,786	131	131	131	2,786	131	2,786	818
	ESTIMATE	12,468	0.049	0.54	33.2	216,044	11.03	19,593	22.9
2	(SE)	1,827	0.007	0.07	3.5	21,060	0.74	1,384	1.5
	N	2,786	187	187	187	2,786	187	2,786	818
	ESTIMATE	12,363	0.039	0.44	32.4	248,420	11.29	22,003	25.7
3	(SE)	1,620	0.004	0.05	3.2	21,345	0.62	1,460	1.5
	N	2,786	210	210	210	2,786	210	2,786	818
	ESTIMATE	6,391	0.031	0.31	21.5	148,360	9.83	15,087	17.6
4	(SE)	1,256	0.006	0.06	3.4	16,532	0.75	1,225	1.3
	N	2,786	144	144	144	2,786	144	2,786	818
	ESTIMATE	6,915	0.038	0.34	21.2	134,635	8.80	15,297	17.8
5	(SE)	1,360	0.007	0.07	3.4	14,335	0.61	1,233	1.3
	N	2,786	146	146	146	2,786	146	2,786	818
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	37,823	0.040	0.45	29.9	857,891	11.02	77,847	26.7
STATEWIDE	(SE)	2,816	0.003	0.03	1.7	38,553	0.35	2,446	0.8
	N	2,786	743	743	743	2,786	743	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	4,820	0.026	0.26	20.6	136,626	9.95	13,725	16.0
1	(SE)	884	0.005	0.05	3.5	18,095	1.01	1,171	1.3
	N	2,786	131	131	131	2,786	131	2,786	818
	ESTIMATE	6,077	0.023	0.25	19.8	216,044	11.03	19,593	22.9
2	(SE)	999	0.004	0.04	2.9	21,060	0.74	1,384	1.5
	N	2,786	187	187	187	2,786	187	2,786	818
	ESTIMATE	6,706	0.021	0.23	19.5	248,420	11.29	22,003	25.7
3	(SE)	1,019	0.003	0.04	2.7	21,345	0.62	1,460	1.5
	N	2,786	210	210	210	2,786	210	2,786	818
	ESTIMATE	2,200	0.008	0.08	6.9	148,360	9.83	15,087	17.6
4	(SE)	582	0.003	0.02	2.1	16,532	0.75	1,225	1.3
	N	2,786	144	144	144	2,786	144	2,786	818
	ESTIMATE	3,982	0.022	0.19	15.8	134,635	8.80	15,297	17.8
5	(SE)	781	0.004	0.04	3.0	14,335	0.61	1,233	1.3
	N	2,786	146	146	146	2,786	146	2,786	818
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	19,697	0.021	0.23	18.4	857,891	11.02	77,847	26.7
STATEWIDE	(SE)	1,707	0.002	0.02	1.4	38,553	0.35	2,446	0.8
	N	2,786	743	743	743	2,786	743	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	1,781	0.007	0.07	5.3	136,626	9.95	13,725	16.0
1	(SE)	601	0.003	0.03	2.0	18,095	1.01	1,171	1.3
	N	2,786	131	131	131	2,786	131	2,786	818
	ESTIMATE	6,391	0.026	0.29	21.9	216,044	11.03	19,593	22.9
2	(SE)	1,117	0.004	0.05	3.0	21,060	0.74	1,384	1.5
	N	2,786	187	187	187	2,786	187	2,786	818
	ESTIMATE	5,658	0.019	0.21	17.1	248,420	11.29	22,003	25.7
3	(SE)	966	0.003	0.03	2.6	21,345	0.62	1,460	1.5
	N	2,786	210	210	210	2,786	210	2,786	818
	ESTIMATE	4,191	0.023	0.23	17.4	148,360	9.83	15,087	17.6
4	(SE)	886	0.005	0.05	3.2	16,532	0.75	1,225	1.3
	N	2,786	144	144	144	2,786	144	2,786	818
	ESTIMATE	2,934	0.016	0.14	10.3	134,635	8.80	15,297	17.8
5	(SE)	796	0.005	0.04	2.5	14,335	0.61	1,233	1.3
	N	2,786	146	146	146	2,786	146	2,786	818
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	18,126	0.020	0.22	16.8	857,891	11.02	77,847	26.7
STATEWIDE	(SE)	1,748	0.002	0.02	1.4	38,553	0.35	2,446	0.8
	N	2,786	743	743	743	2,786	743	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	7,230	0.095	0.67	29.6	72,713	7.08	10,268	10.1
1	(SE)	2,496	0.035	0.23	4.6	12,281	0.97	1,019	1.0
	N	2,786	98	98	98	2,786	98	2,786	972
	ESTIMATE	16,030	0.088	0.61	37.4	176,230	6.92	25,460	25.0
2	(SE)	1,940	0.009	0.07	3.1	14,145	0.36	1,561	1.4
	N	2,786	243	243	243	2,786	243	2,786	972
	ESTIMATE	11,840	0.057	0.43	29.9	201,795	7.67	26,298	25.8
3	(SE)	1,498	0.006	0.05	2.9	15,268	0.35	1,584	1.4
	N	2,786	251	251	251	2,786	251	2,786	972
	ESTIMATE	11,840	0.066	0.45	32.0	172,039	6.81	25,251	24.8
4	(SE)	1,476	0.007	0.05	3.0	13,384	0.32	1,555	1.4
	N	2,786	241	241	241	2,786	241	2,786	972
	ESTIMATE	9,325	0.114	0.60	41.0	77,114	5.29	14,564	14.3
5	(SE)	1,343	0.014	0.08	4.2	7,532	0.28	1,204	1.1
	N	2,786	139	139	139	2,786	139	2,786	972
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	56,264	0.080	0.57	36.6	690,357	7.17	96,288	33.0
STATEWIDE	(SE)	3,929	0.005	0.04	1.6	26,393	0.19	2,601	0.9
	N	2,786	919	919	919	2,786	919	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	3,982	0.053	0.38	23.5	72,713	7.08	10,268	10.1
1	(SE)	980	0.014	0.09	4.3	12,281	0.97	1,019	1.0
	N	2,786	98	98	98	2,786	98	2,786	972
	ESTIMATE	11,106	0.062	0.43	31.7	176,230	6.92	25,460	25.0
2	(SE)	1,366	0.007	0.05	3.0	14,145	0.36	1,561	1.4
	N	2,786	243	243	243	2,786	243	2,786	972
	ESTIMATE	8,696	0.042	0.32	24.3	201,795	7.67	26,298	25.8
3	(SE)	1,233	0.005	0.04	2.7	15,268	0.35	1,584	1.4
	N	2,786	251	251	251	2,786	251	2,786	972
	ESTIMATE	8,592	0.049	0.34	24.9	172,039	6.81	25,251	24.8
4	(SE)	1,202	0.006	0.04	2.8	13,384	0.32	1,555	1.4
	N	2,786	241	241	241	2,786	241	2,786	972
	ESTIMATE	6,286	0.080	0.42	34.5	77,114	5.29	14,564	14.3
5	(SE)	953	0.010	0.05	4.0	7,532	0.28	1,204	1.1
	N	2,786	139	139	139	2,786	139	2,786	972
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	38,976	0.056	0.40	29.7	690,357	7.17	96,288	33.0
STATEWIDE	(SE)	2,520	0.003	0.02	1.5	26,393	0.19	2,601	0.9
	N	2,786	919	919	919	2,786	919	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	3,248	0.042	0.30	11.2	72,713	7.08	10,268	10.1
1	(SE)	1,762	0.024	0.17	3.2	12,281	0.97	1,019	1.0
	N	2,786	98	98	98	2,786	98	2,786	972
	ESTIMATE	4,924	0.026	0.18	14.4	176,230	6.92	25,460	25.0
2	(SE)	915	0.005	0.03	2.3	14,145	0.36	1,561	1.4
	N	2,786	243	243	243	2,786	243	2,786	972
	ESTIMATE	3,143	0.015	0.11	9.6	201,795	7.67	26,298	25.8
3	(SE)	643	0.003	0.02	1.9	15,268	0.35	1,584	1.4
	N	2,786	251	251	251	2,786	251	2,786	972
	ESTIMATE	3,248	0.017	0.12	9.5	172,039	6.81	25,251	24.8
4	(SE)	685	0.004	0.03	1.9	13,384	0.32	1,555	1.4
	N	2,786	241	241	241	2,786	241	2,786	972
	ESTIMATE	3,038	0.034	0.18	13.7	77,114	5.29	14,564	14.3
5	(SE)	701	0.008	0.04	2.9	7,532	0.28	1,204	1.1
	N	2,786	139	139	139	2,786	139	2,786	972
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	17,288	0.024	0.17	12.6	690,357	7.17	96,288	33.0
STATEWIDE	(SE)	2,284	0.003	0.02	1.1	26,393	0.19	2,601	0.9
	N	2,786	919	919	919	2,786	919	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	59,302	0.095	1.34	56.5	584,221	14.12	41,386	17.4
1	(SE)	4,750	0.006	0.09	2.5	36,038	0.57	1,929	0.8
	N	2,786	395	395	395	2,786	395	2,786	2,267
	ESTIMATE	69,151	0.083	0.99	50.3	751,126	11.87	63,284	26.6
2	(SE)	4,233	0.004	0.05	2.0	35,180	0.36	2,279	0.9
	N	2,786	604	604	604	2,786	604	2,786	2,267
	ESTIMATE	33,528	0.089	0.67	43.9	341,459	7.49	45,577	19.2
3	(SE)	2,603	0.006	0.05	2.4	19,329	0.27	2,008	0.8
	N	2,786	435	435	435	2,786	435	2,786	2,267
	ESTIMATE	35,728	0.087	0.71	46.0	385,255	8.21	46,939	19.8
4	(SE)	2,691	0.005	0.05	2.4	21,320	0.28	2,032	0.8
	N	2,786	448	448	448	2,786	448	2,786	2,267
	ESTIMATE	49,349	0.087	1.13	54.8	523,766	12.98	40,338	17.0
5	(SE)	3,835	0.006	0.08	2.5	31,381	0.48	1,909	0.8
	N	2,786	385	385	385	2,786	385	2,786	2,267
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	242,867	0.088	0.96	50.3	2,572,522	10.87	236,685	81.1
STATEWIDE	(SE)	7,179	0.002	0.03	1.1	48,068	0.18	2,166	0.7
	N	2,786	2,259	2,259	2,259	2,786	2,259	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	30,804	0.048	0.68	43.5	584,221	14.12	41,386	17.4
1	(SE)	2,508	0.003	0.05	2.5	36,038	0.57	1,929	0.8
	N	2,786	395	395	395	2,786	395	2,786	2,267
	ESTIMATE	38,871	0.046	0.54	37.4	751,126	11.87	63,284	26.6
2	(SE)	2,708	0.003	0.03	2.0	35,180	0.36	2,279	0.9
	N	2,786	604	604	604	2,786	604	2,786	2,267
	ESTIMATE	19,279	0.050	0.37	31.0	341,459	7.49	45,577	19.2
3	(SE)	1,702	0.004	0.03	2.2	19,329	0.27	2,008	0.8
	N	2,786	435	435	435	2,786	435	2,786	2,267
	ESTIMATE	21,164	0.051	0.42	33.7	385,255	8.21	46,939	19.8
4	(SE)	1,783	0.004	0.03	2.2	21,320	0.28	2,032	0.8
	N	2,786	448	448	448	2,786	448	2,786	2,267
	ESTIMATE	26,089	0.046	0.59	42.1	523,766	12.98	40,338	17.0
5	(SE)	2,200	0.003	0.04	2.5	31,381	0.48	1,909	0.8
	N	2,786	385	385	385	2,786	385	2,786	2,267
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	133,063	0.048	0.52	37.6	2,572,522	10.87	236,685	81.1
STATEWIDE	(SE)	4,304	0.001	0.02	1.0	48,068	0.18	2,166	0.7
	N	2,786	2,259	2,259	2,259	2,786	2,259	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	28,499	0.046	0.65	39.7	584,221	14.12	41,386	17.4
1	(SE)	2,846	0.004	0.06	2.5	36,038	0.57	1,929	0.8
	N	2,786	395	395	395	2,786	395	2,786	2,267
	ESTIMATE	30,280	0.037	0.44	32.3	751,126	11.87	63,284	26.6
2	(SE)	2,225	0.003	0.03	1.9	35,180	0.36	2,279	0.9
	N	2,786	604	604	604	2,786	604	2,786	2,267
	ESTIMATE	14,249	0.039	0.29	22.8	341,459	7.49	45,577	19.2
3	(SE)	1,480	0.004	0.03	2.0	19,329	0.27	2,008	0.8
	N	2,786	435	435	435	2,786	435	2,786	2,267
	ESTIMATE	14,564	0.036	0.30	23.2	385,255	8.21	46,939	19.8
4	(SE)	1,490	0.003	0.03	2.0	21,320	0.28	2,032	0.8
	N	2,786	448	448	448	2,786	448	2,786	2,267
	ESTIMATE	23,260	0.042	0.54	35.8	523,766	12.98	40,338	17.0
5	(SE)	2,169	0.003	0.05	2.4	31,381	0.48	1,909	0.8
	N	2,786	385	385	385	2,786	385	2,786	2,267
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	109,804	0.040	0.44	30.4	2,572,522	10.87	236,685	81.1
STATEWIDE	(SE)	4,320	0.002	0.02	1.0	48,068	0.18	2,166	0.7
	N	2,786	2,259	2,259	2,259	2,786	2,259	2,786	2,786

TABLE 23. EXPANDED STATEWIDE SUMMARY OF TOTAL DEER HUNTING IN VIRGINIA DURING THE 1994-95 HUNTING SEASON

	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENSEES
	ESTIMATE	336,954	0.078	1.32	57.1	4,120,771	16.89	244,019	83.6
STATEWIDE	(SE)	9,779	0.002	0.04	1.0	82,139	0.31	2,048	0.7
	N	2,786	2,329	2,329	2,329	2,786	2,329	2,786	2,786

TABLE 24. EXPANDED STATEWIDE SUMMARY OF TOTAL DEER (BUCKS) HUNTING IN VIRGINIA DURING THE 1994-95 HUNTING SEASON

	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENSEES
	ESTIMATE	191,737	0.045	0.75	45.1	4,120,771	16.89	244,019	83.6
STATEWIDE	(SE)	5,831	0.001	0.02	1.0	82,139	0.31	2,048	0.7
	N	2,786	2,329	2,329	2,329	2,786	2,329	2,786	2,786

TABLE 25. EXPANDED STATEWIDE SUMMARY OF TOTAL DEER (DOES) HUNTING IN VIRGINIA DURING THE 1994-95 HUNTING SEASON

	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENSEES
	ESTIMATE	145,217	0.034	0.57	35.3	4,120,771	16.89	244,019	83.6
STATEWIDE	(SE)	5,607	0.001	0.02	1.0	82,139	0.31	2,048	0.7
	N	2,786	2,329	2,329	2,329	2,786	2,329	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
1	ESTIMATE	3,553	0.044	0.22	18.3	67,089	5.10	13,167	17.4
	(SE)	779	0.008	0.04	3.5	8,116	0.43	1,146	1.4
	N	2,786	126	126	126	2,786	126	2,786	724
2	ESTIMATE	5,852	0.051	0.30	21.1	109,726	5.83	18,810	24.9
	(SE)	1,007	0.007	0.05	3.1	11,119	0.42	1,356	1.6
	N	2,786	180	180	180	2,786	180	2,786	724
3	ESTIMATE	5,539	0.047	0.27	21.7	109,726	5.83	18,810	24.9
	(SE)	899	0.008	0.04	3.1	13,813	0.60	1,356	1.6
	N	2,786	180	180	180	2,786	180	2,786	724
4	ESTIMATE	1,672	0.023	0.13	11.9	67,821	5.50	12,331	16.3
	(SE)	442	0.006	0.03	3.0	8,833	0.52	1,111	1.4
	N	2,786	118	118	118	2,786	118	2,786	724
5	ESTIMATE	2,508	0.041	0.19	16.7	57,998	4.63	12,540	16.6
	(SE)	571	0.008	0.04	3.4	7,187	0.40	1,120	1.4
	N	2,786	120	120	120	2,786	120	2,786	724
									PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	18,706	0.049	0.28	21.3	350,496	5.62	62,387	21.4
	(SE)	1,720	0.004	0.02	2.1	20,617	0.26	2,264	0.8
	N	2,786	597	597	597	2,786	597	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	5,134	0.031	0.19	18.1	100,898	6.02	16,764	13.4
1	(SE)	799	0.006	0.03	3.1	15,226	0.78	1,287	1.0
	N	2,786	160	160	160	2,786	160	2,786	1198
	ESTIMATE	13,411	0.048	0.30	25.2	207,348	6.24	33,213	26.5
2	(SE)	1,334	0.006	0.03	2.4	16,503	0.37	1,756	1.3
	N	2,786	317	317	317	2,786	317	2,786	1198
	ESTIMATE	9,011	0.043	0.26	20.2	170,153	6.08	27,975	22.3
3	(SE)	1,145	0.007	0.03	2.5	16,580	0.48	1,628	1.2
	N	2,786	267	267	267	2,786	267	2,786	1198
	ESTIMATE	7,334	0.043	0.22	16.7	131,073	5.09	25,774	20.5
4	(SE)	1,090	0.007	0.04	2.4	11,304	0.31	1,569	1.2
	N	2,786	246	246	246	2,786	246	2,786	1198
	ESTIMATE	5,763	0.029	0.18	14.9	139,140	6.38	21,793	17.4
5	(SE)	948	0.006	0.04	2.5	13,763	0.47	1,454	1.1
	N	2,786	208	208	208	2,786	208	2,786	1198
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	33,737	0.046	0.28	22.8	620,578	6.12	101,421	34.7
STATEWIDE	(SE)	2,175	0.003	0.02	1.3	28,530	0.23	2,634	0.9
	N	2,786	968	968	968	2,786	968	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	3,038	0.047	0.24	20.7	62,026	5.10	12,154	16.8
1	(SE)	635	0.008	0.05	3.8	7,897	0.46	1,105	1.4
	N	2,786	116	116	116	2,786	116	2,786	690
	ESTIMATE	5,763	0.047	0.28	23.0	117,033	5.97	19,593	27.1
2	(SE)	913	0.006	0.04	3.1	12,070	0.45	1,384	1.7
	N	2,786	187	187	187	2,786	187	2,786	690
	ESTIMATE	4,296	0.036	0.23	19.2	112,213	6.41	17,497	24.2
3	(SE)	787	0.007	0.04	3.1	14,248	0.66	1,313	1.6
	N	2,786	167	167	167	2,786	167	2,786	690
	ESTIMATE	1,781	0.027	0.16	13.2	66,951	6.03	11,106	15.4
4	(SE)	563	0.007	0.05	3.3	9,336	0.62	1,058	1.4
	N	2,786	106	106	106	2,786	106	2,786	690
	ESTIMATE	3,562	0.005	0.02	19.3	59,826	5.01	11,944	16.5
5	(SE)	911	0.011	0.05	3.7	241,045	0.43	1,096	1.4
	N	2,786	114	114	114	2,786	114	2,786	690
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	18,761	0.047	0.28	22.2	371,634	5.91	62,865	21.5
STATEWIDE	(SE)	1,746	0.004	0.02	1.7	21,567	0.27	2,274	0.8
	N	2,786	600	600	600	2,786	600	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	0	0.000	0.00	0.0	6,286	7.50	838	10.7
1	(SE)	0	0.000	0.00	0.0	2,786	2.15	296	3.6
	N	2,786	8	8	8	2,786	8	2,786	75
	ESTIMATE	0	0.000	0.00	0.0	12,573	8.57	1,467	18.7
2	(SE)	0	0.000	0.00	0.0	4,130	1.71	391	4.5
	N	2,786	14	14	14	2,786	14	2,786	75
	ESTIMATE	524	0.008	0.05	5.0	13,935	6.65	2,095	26.7
3	(SE)	524	0.039	0.05	5.0	3,966	1.21	467	5.1
	N	2,786	20	20	20	2,786	20	2,786	75
	ESTIMATE	0	0.000	0.00	0.0	16,030	6.38	2,515	32.0
4	(SE)	0	0.000	0.00	0.0	4,299	1.14	511	5.4
	N	2,786	24	24	24	2,786	24	2,786	75
	ESTIMATE	0	0.000	0.00	0.0	7,648	8.11	943	12.0
5	(SE)	0	0.000	0.00	0.0	3,114	2.02	314	3.8
	N	2,786	9	9	9	2,786	9	2,786	75
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	524	0.003	0.02	1.7	39,395	6.48	6,077	2.1
STATEWIDE	(SE)	524	0.013	0.02	1.7	6,943	0.78	790	0.3
	N	2,786	58	58	58	2,786	58	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	524	0.031	0.10	10.0	3,353	3.20	1,048	8.3
1	(SE)	277	0.031	0.10	10.0	1,211	0.59	331	2.5
	N	2,786	10	10	10	2,786	10	2,786	121
	ESTIMATE	524	0.012	0.05	4.5	8,487	3.68	2,305	18.2
2	(SE)	277	0.012	0.05	4.5	1,996	0.38	490	3.5
	N	2,786	22	22	22	2,786	22	2,786	121
	ESTIMATE	524	0.013	0.06	5.6	7,858	4.17	1,886	14.9
3	(SE)	277	0.013	0.06	5.6	2,077	0.52	443	3.2
	N	2,786	18	18	18	2,786	18	2,786	121
	ESTIMATE	629	0.006	0.02	2.2	16,659	3.46	4,820	38.0
4	(SE)	296	0.006	0.02	2.2	2,812	0.29	705	4.4
	N	2,786	46	46	46	2,786	46	2,786	121
	ESTIMATE	734	0.024	0.08	8.0	8,696	3.32	2,619	20.7
5	(SE)	314	0.017	0.06	5.5	1,968	0.36	522	3.7
	N	2,786	25	25	25	2,786	25	2,786	121
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	838	0.006	0.02	2.3	32,398	3.58	9,011	3.1
STATEWIDE	(SE)	331	0.005	0.02	1.6	3,943	0.22	957	0.3
	N	2,786	86	86	86	2,786	86	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	105	0.000	0.00	0.0	2,410	2.88	838	8.7
1	(SE)	105	0.000	0.00	0.0	1,031	0.84	296	3.0
	N	2,786	8	8	8	2,786	8	2,786	92
	ESTIMATE	105	0.000	0.00	0.0	17,812	7.39	2,410	25.0
2	(SE)	105	0.000	0.00	0.0	5,178	1.54	500	4.5
	N	2,786	23	23	23	2,786	23	2,786	92
	ESTIMATE	105	0.000	0.00	0.00	11,944	7.23	1,676	17.4
3	(SE)	105	0.000	0.00	0.00	4,484	2.07	418	4.0
	N	2,786	16	16	16	2,786	16	2,786	92
	ESTIMATE	524	0.011	0.11	8.6	37,195	10.14	3,667	38.0
4	(SE)	277	0.007	0.07	4.8	8,593	1.63	616	5.1
	N	2,786	35	35	35	2,786	35	2,786	92
	ESTIMATE	105	0.000	0.00	0.00	2,829	2.70	1,048	10.9
5	(SE)	105	0.000	0.00	0.00	1,083	0.62	331	3.3
	N	2,786	10	10	10	2,786	10	2,786	92
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	524	0.006	0.06	4.6	67,265	9.88	6,810	2.3
STATEWIDE	(SE)	277	0.004	0.04	2.6	11,250	1.13	835	0.3
	N	2,786	65	65	65	2,786	65	2,786	2,786

TABLE 32. EXPANDED STATEWIDE SUMMARY OF TOTAL BEAR HUNTING IN VIRGINIA DURING THE 1994-95 HUNTING SEASON

	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	1,886	0.009	0.07	4.0	138,931	7.53	18,440	6.3
	(SE)	694	0.004	0.03	1.5	15,473	0.64	1,346	0.5
	N	2,786	176	176	176	2,786	176	2,786	2,786

TABLE 33. EXPANDED STATEWIDE SUMMARY OF BEAR (GUN) HUNTING IN VIRGINIA DURING THE 1994-95 HUNTING SEASON

	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	1,362	0.006	0.04	3.6	99,536	6.93	14,354	4.9
	(SE)	456	0.003	0.02	1.6	12,343	0.64	1,196	0.4
	N	2,786	137	137	137	2,786	137	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	143,226	1.546	12.57	84	86,858	8.13	10,687	63.0
1	(SE)	23,340	0.160	1.76	4	11,187	0.69	1,039	3.8
	N	2,786	102	102	102	2,786	102	2,786	162
	ESTIMATE	16,135	1.239	6.75	85	11,420	5.45	2,095	12.3
2	(SE)	4,746	0.286	1.64	8	3,214	0.96	467	2.6
	N	2,786	20	20	20	2,786	20	2,786	162
	ESTIMATE	6,391	1.023	4.50	90.0	4,610	4.40	1,048	6.2
3	(SE)	2,452	0.312	1.59	10.0	1,959	1.32	331	1.9
	N	2,786	10	10	10	2,786	10	2,786	162
	ESTIMATE	5,658	1.226	4.75	100.0	3,248	3.88	838	4.9
4	(SE)	2,013	0.176	1.13	0.0	1,439	1.11	296	1.7
	N	2,786	8	8	8	2,786	8	2,786	162
	ESTIMATE	21,688	1.404	8.68	81.8	14,249	6.18	2,305	13.6
5	(SE)	6,478	0.296	2.11	8.4	3,775	1.00	490	2.7
	N	2,786	22	22	22	2,786	22	2,786	162
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	197,395	1.504	10.57	84.6	124,472	7.03	17,707	6.1
STATEWIDE	(SE)	25,787	0.128	1.19	2.8	12,522	0.48	1,320	0.5
	N	2,786	169	169	169	2,786	169	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	50,711	0.555	4.51	64.7	86,858	8.13	10,687	63.0
1	(SE)	9,062	0.072	0.72	4.8	11,187	0.69	1,039	3.8
	N	2,786	102	102	102	2,786	102	2,786	162
	ESTIMATE	3,562	0.284	1.55	50.0	11,420	5.45	2,095	12.3
2	(SE)	1,202	0.068	0.44	11.5	3,214	0.96	467	2.6
	N	2,786	20	20	20	2,786	20	2,786	162
	ESTIMATE	3,038	0.591	2.60	70.0	4,610	4.40	1,048	6.2
3	(SE)	1,320	0.231	0.96	15.3	1,959	1.32	331	1.9
	N	2,786	10	10	10	2,786	10	2,786	162
	ESTIMATE	2,724	0.742	2.88	100.0	3,248	3.88	838	4.9
4	(SE)	1,025	0.144	0.61	0.0	1,439	1.11	296	1.7
	N	2,786	8	8	8	2,786	8	2,786	162
	ESTIMATE	7,963	0.537	3.32	68.2	14,249	6.18	2,305	13.6
5	(SE)	3,376	0.175	1.31	10.2	3,775	1.00	490	2.7
	N	2,786	22	22	22	2,786	22	2,786	162
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	73,342	0.566	3.98	64.5	124,472	7.03	17,707	6.1
STATEWIDE	(SE)	11,165	0.066	0.55	3.7	12,522	0.48	1,320	0.5
	N	2,786	169	169	169	2,786	169	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	27,137	0.308	2.50	52.9	86,858	8.13	10,687	63.0
1	(SE)	4,771	0.045	0.38	5.0	11,187	0.69	1,039	3.8
	N	2,786	102	102	102	2,786	102	2,786	162
	ESTIMATE	9,954	0.817	4.45	75.0	11,420	5.45	2,095	12.3
2	(SE)	3,590	0.264	1.42	9.9	3,214	0.96	467	2.6
	N	2,786	20	20	20	2,786	20	2,786	162
	ESTIMATE	1,152	0.182	0.80	20.0	4,610	4.40	1,048	6.2
3	(SE)	733	0.098	0.61	13.3	1,959	1.32	331	1.9
	N	2,786	10	10	10	2,786	10	2,786	162
	ESTIMATE	1,467	0.355	1.38	50.0	3,248	3.88	838	4.9
4	(SE)	694	0.164	0.60	18.9	1,439	1.11	296	1.7
	N	2,786	8	8	8	2,786	8	2,786	162
	ESTIMATE	8,487	0.574	3.55	54.5	14,249	6.18	2,305	13.6
5	(SE)	3,576	0.240	1.38	10.9	3,775	1.00	490	2.7
	N	2,786	22	22	22	2,786	22	2,786	162
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	48,510	0.380	2.67	52.7	124,472	7.03	17,707	6.1
STATEWIDE	(SE)	7,028	0.049	0.34	3.9	12,522	0.48	1,320	0.5
	N	2,786	169	169	169	2,786	169	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	18,964	0.204	1.66	38.2	86,858	8.13	10,687	63.0
1	(SE)	3,986	0.036	0.33	4.8	11,187	0.69	1,039	3.8
	N	2,786	102	102	102	2,786	102	2,786	162
	ESTIMATE	943	0.083	0.45	15.0	11,420	5.45	2,095	12.3
2	(SE)	564	0.046	0.26	8.2	3,214	0.96	467	2.6
	N	2,786	20	20	20	2,786	20	2,786	162
	ESTIMATE	419	0.091	0.40	10.0	4,610	4.40	1,048	6.2
3	(SE)	419	0.089	0.40	10.0	1,959	1.32	331	1.9
	N	2,786	10	10	10	2,786	10	2,786	162
	ESTIMATE	419	0.129	0.50	12.5	3,248	3.88	838	4.9
4	(SE)	419	0.102	0.50	12.5	1,439	1.11	296	1.7
	N	2,786	8	8	8	2,786	8	2,786	162
	ESTIMATE	105	0.007	0.05	4.5	14,249	6.18	2,305	13.6
5	(SE)	105	0.007	0.05	4.5	3,775	1.00	490	2.7
	N	2,786	22	22	22	2,786	22	2,786	162
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	21,269	0.160	1.12	27.8	124,472	7.03	17,707	6.1
STATEWIDE	(SE)	4,075	0.027	0.21	3.5	12,522	0.48	1,320	0.5
	N	2,786	169	169	169	2,786	169	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	46,415	0.480	3.90	36.3	86,858	8.13	10,687	63.0
1	(SE)	11,397	0.102	0.95	5	11,187	0.69	1,039	3.8
	N	2,786	102	102	102	2,786	102	2,786	162
	ESTIMATE	1,676	0.055	0.30	15.0	11,420	5.45	2,095	12.3
2	(SE)	1,138	0.037	0.21	8.2	3,214	0.96	467	2.6
	N	2,786	20	20	20	2,786	20	2,786	162
	ESTIMATE	1,781	0.159	0.70	30.0	4,610	4.40	1,048	6.2
3	(SE)	1,152	0.107	0.42	15.3	1,959	1.32	331	1.9
	N	2,786	10	10	10	2,786	10	2,786	162
	ESTIMATE	1,048	0.000	0.00	0.0	3,248	3.88	838	4.9
4	(SE)	1,048	0.000	0.00	0.0	1,439	1.11	296	1.7
	N	2,786	8	8	8	2,786	8	2,786	162
	ESTIMATE	5,134	0.287	1.77	36.4	14,249	6.18	2,305	13.6
5	(SE)	2,016	0.096	0.66	10.5	3,775	1.00	490	2.7
	N	2,786	22	22	22	2,786	22	2,786	162
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	54,273	0.398	2.80	32.0	124,472	7.03	17,707	
STATEWIDE	(SE)	11,656	0.075	0.60	3.6	12,522	0.48	1,320	6.1
	N	2,786	169	169	169	2,786	169	2,786	0.5
									2,786

TABLE 30 EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF GOOSE (SEPTA) HUNTING IN VIRGINIA DURING THE 1994-95 HUNTING SEASON

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	2,724	0.793	1.64	43	3,038	2.07	1,467	26.4
1	(SE)	1,118	0.247	0.61	13.7	953	0.35	391	6.1
	N	2,786	14	14	14	2,786	14	2,786	53
	ESTIMATE	943	0.353	0.60	30.0	1,781	1.7	1,048	18.9
2	(SE)	502	0.211	0.34	15.3	637	0.3	331	0.1
	N	2,786	10	10	10	2,786	10	2,786	53
	ESTIMATE	629	0.429	0.75	25.0	734	1.75	419	7.5
3	(SE)	445	0.500	0.75	25.0	406	0.48	209	3.7
	N	2,786	4	4	4	2,786	4	2,786	53
	ESTIMATE	734	0.308	0.57	28.6	1,362	1.86	733	13.2
4	(SE)	457	0.271	0.43	18.4	601	0.46	277	4.7
	N	2,786	7	7	7	2,786	7	2,786	53
	ESTIMATE	3,562	0.732	1.67	38.9	4,296	2.28	1,886	34.0
5	(SE)	1,428	0.249	0.64	11.8	1,285	0.43	443	6.6
	N	2,786	18	18	18	2,786	18	2,786	53
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	6,391	0.659	1.38	38.5	8,592	2.10	4,086	1.4
STATEWIDE	(SE)	1,802	0.153	0.37	7.9	1,695	0.25	650	0.2
	N	2,786	39	39	39	2,786	39	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	16,659	0.498	2.29	49.2	31,327	4.60	6,810	51.2
1	(SE)	4,212	0.090	0.55	6.2	5,224	0.52	835	4.5
	N	2,786	65	65	65	2,786	65	2,786	127
	ESTIMATE	2,515	0.367	1.38	38.5	5,134	3.77	1,362	10.2
2	(SE)	1,239	0.197	0.79	14.0	1,961	1.03	377	2.7
	N	2,786	13	13	13	2,786	13	2,786	127
	ESTIMATE	2,515	0.462	1.64	45.5	4,086	3.55	1,153	8.7
3	(SE)	1,221	0.209	0.90	15.7	1,665	1.02	347	2.5
	N	2,786	11	11	11	2,786	11	2,786	127
	ESTIMATE	2,096	0.389	1.27	36.4	3,772	3.27	1,153	8.7
4	(SE)	1,166	0.221	0.90	15.2	1,601	1.03	347	2.5
	N	2,786	11	11	11	2,786	11	2,786	127
	ESTIMATE	10,058	0.742	3.30	63.0	12,573	4.44	2,829	21.3
5	(SE)	3,445	0.156	1.05	9.5	3,142	0.73	542	3.6
	N	2,786	27	27	27	2,786	27	2,786	127
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	27,346	0.558	2.45	54.5	46,415	4.39	10,582	3.6
STATEWIDE	(SE)	5,383	0.077	0.45	5.0	6,104	0.39	1,034	0.4
	N	2,786	101	101	101	2,786	101	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	2,410	0.194	0.93	60.0	7,544	4.8	1,572	18.3
1	(SE)	717	0.068	0.28	13.1	3,063	1.56	405	4.3
	N	2,786	15	15	15	2,786	15	2,786	82
	ESTIMATE	3,667	0.168	1.38	61.9	18,126	8.24	2,200	25.6
2	(SE)	1,352	0.066	0.53	10.9	6,064	2.15	478	4.8
	N	2,786	21	21	21	2,786	21	2,786	82
	ESTIMATE	2,305	0.581	1.64	81.8	3,248	2.82	1,153	13.4
3	(SE)	959	0.124	0.66	12.2	1,337	0.83	347	3.8
	N	2,786	11	11	11	2,786	11	2,786	82
	ESTIMATE	4,191	0.247	2.40	46.7	15,297	9.73	1,572	18.3
4	(SE)	1,885	0.101	1.05	13.3	6,395	3.32	405	4.3
	N	2,786	15	15	15	2,786	15	2,786	82
	ESTIMATE	2,619	0.152	1.00	65.0	13,830	6.60	2,095	24.4
5	(SE)	747	0.070	0.24	10.9	5,892	2.46	467	4.8
	N	2,786	20	20	20	2,786	20	2,786	82
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	17,497	0.202	1.37	61.1	63,703	6.76	9,430	3.2
STATEWIDE	(SE)	3,135	0.039	0.24	5.2	11,428	0.99	978	0.3
	N	2,786	90	90	90	2,786	90	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	1,886	0.155	0.75	55.0	10,163	4.85	2,095	25.3
1	(SE)	662	0.092	0.25	11.4	4,859	2.10	467	4.9
	N	2,786	20	20	20	2,786	20	2,786	79
	ESTIMATE	3,353	0.153	1.44	55.6	17,812	9.44	1,886	22.8
2	(SE)	1,349	0.075	0.60	12.1	6,589	2.78	443	4.7
	N	2,786	18	18	18	2,786	18	2,786	79
	ESTIMATE	1,362	0.183	1.57	71.4	6,286	8.57	733	8.9
3	(SE)	718	0.159	0.78	18.4	4,314	5.30	277	3.2
	N	2,786	7	7	7	2,786	7	2,786	79
	ESTIMATE	4,086	0.200	1.84	63.2	18,335	9.21	1,991	24.1
4	(SE)	1,665	0.085	0.73	11.4	7,063	2.93	455	4.8
	N	2,786	19	19	19	2,786	19	2,786	79
	ESTIMATE	1,572	0.097	0.80	60.0	12,992	8.27	1,572	19.0
5	(SE)	502	0.046	0.20	13.1	5,932	3.23	405	4.4
	N	2,786	15	15	15	2,786	15	2,786	79
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	16,554	0.193	1.29	60.3	54,902	6.72	8,172	2.8
STATEWIDE	(SE)	3,061	0.042	0.25	5.6	678	1.04	912	0.3
	N	2,786	78	78	78	2,786	78	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	105	0.000	0.00	0.0	8,382	26.67	314	9.4
1	(SE)	105	0.000	0.00	0.0	5,131	6.67	181	5.2
	N	2,786	3	3	3	2,786	3	2,786	32
	ESTIMATE	105	0.000	0.00	0.0	9,744	18.60	524	15.6
2	(SE)	105	0.000	0.00	0.0	5,246	6.24	234	6.5
	N	2,786	5	5	5	2,786	5	2,786	32
	ESTIMATE	1,572	0.059	0.58	41.7	12,468	9.92	1,257	37.5
3	(SE)	619	0.039	0.26	14.9	5,405	3.35	362	8.7
	N	2,786	12	12	12	2,786	12	2,786	32
	ESTIMATE	314	0.006	0.11	11.1	17,812	18.89	943	28.1
4	(SE)	181	0.007	0.11	11.1	7,422	5.02	314	8.1
	N	2,786	9	9	9	2,786	9	2,786	32
	ESTIMATE	105	0.000	0.00	0.0	8,382	26.67	314	9.4
5	(SE)	105	0.000	0.00	0.0	5,131	6.67	181	5.2
	N	2,786	3	3	3	2,786	3	2,786	32
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	2,096	0.036	0.38	28.6	23,469	10.67	2,200	0.8
STATEWIDE	(SE)	678	0.020	0.16	10.1	7,691	2.68	478	0.2
	N	2,786	21	21	21	2,786	21	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	12,887	0.330	5.23	90.9	36,566	15.86	2,305	14.9
1	(SE)	4,413	0.055	1.56	6.3	14,957	5.67	490	2.9
	N	2,786	22	22	22	2,786	22	2,786	148
	ESTIMATE	34,890	0.338	8.44	75.0	83,715	24.97	3,353	21.6
2	(SE)	10,628	0.084	2.57	7.8	24,447	5.91	589	3.4
	N	2,786	32	32	32	2,786	32	2,786	148
	ESTIMATE	31,118	0.288	6.08	81.3	106,346	21.15	5,029	32.4
3	(SE)	6,614	0.063	0.99	5.7	27,597	4.63	720	3.9
	N	2,786	48	48	48	2,786	48	2,786	148
	ESTIMATE	22,317	0.336	7.10	75.9	64,227	21.14	3,038	19.6
4	(SE)	8,168	0.092	2.37	8.1	16,351	3.77	561	3.3
	N	2,786	29	29	29	2,786	29	2,786	148
	ESTIMATE	8,696	0.304	4.88	76.5	28,603	16.06	1,781	11.5
5	(SE)	3,477	0.093	1.60	10.6	13,319	6.59	431	2.6
	N	2,786	17	17	17	2,786	17	2,786	148
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	128,139	0.331	6.58	81.9	322,810	19.88	16,240	5.6
STATEWIDE	(SE)	18,103	0.037	0.80	3.1	44,657	2.28	1,268	0.4
	N	2,786	155	155	155	2,786	155	2,786	2,786

TABLE 40. ESTIMATED STATEWIDE AND REGIONAL SUMMARIES OF BOBCAT HUNTING IN VIRGINIA DURING THE 1994-95 HUNTING SEASON

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	314	0.023	0.33	33.3	4,610	14.67	314	7.3
1	(SE)	181	0.026	0.33	33.3	4,204	12.68	181	4.1
	N	2,786	3	3	3	2,786	3	2,786	41
	ESTIMATE	314	0.009	0.08	8.3	11,420	9.08	1,257	29.3
2	(SE)	181	0.010	0.08	8.3	5,201	3.34	362	7.2
	N	2,786	12	12	12	2,786	12	2,786	41
	ESTIMATE	524	0.007	0.11	11.1	14,459	15.33	943	22.0
3	(SE)	277	0.008	0.11	11.1	6,542	4.98	314	6.5
	N	2,786	9	9	9	2,786	9	2,786	41
	ESTIMATE	210	0.000	0.00	0.0	11,106	9.64	1,153	26.8
4	(SE)	148	0.000	0.00	0.0	5,457	3.92	347	7.0
	N	2,786	11	11	11	2,786	11	2,786	41
	ESTIMATE	524	0.031	0.50	33.3	10,058	16.00	629	14.6
5	(SE)	277	0.022	0.34	21.1	5,438	6.22	256	5.6
	N	2,786	6	6	6	2,786	6	2,786	41
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	2,410	0.029	0.24	78.0	35,728	8.32	4,296	1.5
STATEWIDE	(SE)	543	0.011	0.08	6.5	8,750	1.60	666	0.2
	N	2,786	41	41	41	2,786	41	2,786	2,786

TABLE 46. EXPANDED STATEWIDE SUMMARY OF TOTAL SQUIRREL HUNTING IN VIRGINIA DURING THE 1994-95 HUNTING SEASON.

	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	1,565,956	1.410	11.85	89.9	1,051,933	8.41	125,100	42.9
	(SE)	58,047	0.049	0.38	0.9	46,834	0.33	2,737	0.9
	N	2,786	1,194	1,194	1,194	2,786	1,194	2,786	2,786

TABLE 47. EXPANDED STATEWIDE SUMMARY OF TOTAL GOOSE HUNTING IN VIRGINIA DURING THE 1994-95 HUNTING SEASON.

	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	33,737	0.581	2.68	57.9	55,006	4.61	11,944	4.1
	(SE)	6,218	0.074	0.46	4.6	6,864	0.39	1,096	0.4
	N	2,786	114	114	114	2,786	114	2,786	2,786

TABLE 48. (Q21) PCT OF HUNTERS WHO HUNTED ON STATE WILDLIFE MGMT. AREAS DURING '94-95 AND MEAN NUMBER OF DAYS HUNTED.

PCT OF HUNTERS USING WMA'S	13.20%
MEAN DAYS*	6.54

* INCLUDES ONLY THOSE HUNTING ON WMA'S

TABLE 49. (Q22, Q23) PERCEPTIONS OF HUNTERS REGARDING **HUNTING ON WILDLIFE MANAGEMENT AREAS** DURING 1994-95. *

	MEAN
QUALITY OF HUNTING	3.76
ABILITY TO HUNT UNDISTURBED	3.67

* MEAN SCORES, WHERE 1=POOR, 4=ADEQUATE, 7=EXCELLENT

TABLE 50. (Q24) PERCEPTIONS OF FALL TURKEY HUNTERS REGARDING **OVERALL QUALITY OF FALL TURKEY HUNTING** DURING 1994. *

	REGIONS				
STATEWIDE	1	2	3	4	5
3.66	3.74	3.88	3.68	3.48	3.67

* MEAN SCORES, WHERE 1=POOR, 4=ADEQUATE, 7=EXCELLENT

TABLE 51. (Q25) PERCEPTIONS OF SPRING TURKEY HUNTERS REGARDING **OVERALL QUALITY OF SPRING TURKEY HUNTING** DURING 1995. *

	REGIONS				
STATEWIDE	1	2	3	4	5
4.16	4.11	4.03	4.35	3.75	4.58

* MEAN SCORES, WHERE 1=POOR, 4=ADEQUATE, 7=EXCELLENT

TABLE 52. (Q47) PERCEPTIONS OF DEER HUNTERS REGARDING **OVERALL QUALITY OF DEER HUNTING** DURING 1994-95. *

	REGIONS				
STATEWIDE	1	2	3	4	5
4.22	4.60	4.36	3.91	3.84	4.52

* MEAN SCORES, WHERE 1=POOR, 4=ADEQUATE, 7=EXCELLENT

TABLE 53. (Q26) PERCEPTIONS OF BEAR HUNTERS REGARDING THE IMPORTANCE OF SELECTED HUNTING SEASONS. *

SEASONS	STATEWIDE
BEAR DOG TRAINING SEASON	3.08
BEAR HUNTING DURING ARCHERY DEER SEASON	4.46
BEAR HUNTING DURING GUN DEER SEASON	5.49
BEAR HUNTING WITH THE THE USE OF DOGS	3.78

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

TABLE 54. (Q27) PREFERENCES OF RABBIT HUNTERS REGARDING SEASON CLOSING DATES. *

CLOSING DATES	STATEWIDE	REGIONS 1	2	3	4	5
JANUARY 31	3.99	3.38	4.16	4.32	3.96	3.64
FEBRUARY 7	3.27	3.47	3.30	3.10	2.97	3.28
FEBRUARY 14	3.64	3.80	3.79	3.29	3.44	3.65
FEBRUARY 28	5.08	5.60	5.05	4.54	4.94	5.26

* MEAN SCORES, WHERE 1=STRONGLY OPPOSE, 7=STRONGLY FAVOR

TABLE 55. (Q28) PERCEPTIONS OF RABBIT HUNTERS REGARDING REASONS THEY OPPOSED/STRONGLY OPPOSED FEBRUARY CLOSING DATES. (PCT)

REASONS	STATEWIDE	REGIONS 1	2	3	4	5
RABBIT POPULATIONS WOULD BE REDUCED	51.3	65.9	50.0	49.1	55.6	54.5
TOO MANY PREGNANT RABBITS	29.4	17.1	31.9	35.8	29.6	24.2
DO NOT LIKE CHANGE	13.6	9.8	12.5	5.7	14.8	18.2
IT IS TOO COLD IN FEB.	5.7	7.3	5.6	9.4	0.0	3.0

TABLE 56. (Q29) PERCEPTIONS OF DOVE HUNTERS REGARDING DIFFICULTY LOCATING PLACES TO HUNT IN 1994-95. (PCT)

					REGIONS		
LEVEL OF DIFFICULTY	STATEWIDE		1	2	3	4	5
VERY DIFFICULT	24.1		21.1	28.7	23.9	20.3	25.0
MODERATELY DIFFICULT	24.2		23.6	19.7	19.6	32.2	30.0
SLIGHTLY DIFFICULT	17.5		17.4	15.7	21.7	15.3	20.0
NO PROBLEM	33.9		37.8	36.0	34.8	32.2	25.0

TABLE 57. (Q31) PERCEPTIONS OF DOVE HUNTERS REGARDING TRENDS IN DOVE POPULATIONS OVER THE PAST 10 YEARS. (PCT)

					REGIONS		
TREND	STATEWIDE		1	2	3	4	5
DECLINED DRAMATICALLY	9.0		7.0	11.3	15.6	4.9	8.0
DECLINED	29.0		24.6	33.9	17.8	37.7	30.4
REMAINED ABOUT THE SAME	43.8		47.2	39.5	57.8	41.0	41.3
INCREASED	11.9		16.1	11.3	6.7	6.6	9.4
INCREASED DRAMATICALLY	1.8		1.5	1.7	0.0	4.9	1.4
NO OPINION	4.5		3.5	2.3	2.2	4.9	9.4

TABLE 58. (Q34) PERCEPTIONS OF GROUSE HUNTERS REGARDING TRENDS IN RUFFED GROUSE POPULATIONS OVER THE PAST 10 YEARS. (PCT)

					REGIONS		
TREND	STATEWIDE		1	2	3	4	5
DECLINED DRAMATICALLY	16.5		0.0	27.8	13.8	15.3	17.6
DECLINED	35.6		50.0	33.3	36.2	37.8	29.4
REMAINED ABOUT THE SAME	33.0		25.0	33.3	30.2	33.7	47.1
INCREASED	9.9		25.0	5.6	16.4	5.1	0.0
INCREASED DRAMATICALLY	1.0		0.0	0.0	0.9	1.0	0.0
NO OPINION	4.0		0.0	0.0	2.6	7.1	5.9

ABLE 59. (Q35) PERCEPTIONS OF GROUSE HUNTERS REGARDING IMPORTANCE OF SELECTED BARRIERS TO HUNTING RUFFED GROUSE. *

BARRIERS	STATEWIDE	REGIONS 1	2	3	4	5
FAMILY OBLIGATIONS	4.51	4.00	4.23	4.64	4.35	4.72
JOB OBLIGATIONS	4.91	6.25	5.30	4.81	4.80	4.67
LACK OF PLACES TO HUNT	4.27	5.00	4.53	4.45	3.80	5.06
LOW GROUSE POPULATIONS (FEW FLUSHES, LOW HARVEST)	5.48	5.50	5.37	5.56	5.51	5.47
PREFER OTHER FORMS OF HUNTING	4.03	5.00	3.31	4.27	3.81	4.72
NO DOGS TO HUNT WITH	3.05	4.00	3.10	3.15	2.88	3.44
CONFLICTS WITH OTHER HUNTERS	2.84	3.25	2.38	3.06	2.62	3.39
IT IS PHYSICALLY TOO DIFFICULT	2.31	1.25	2.10	2.50	2.06	2.50
DO NOT LIKE THE TASTE OF GROUSE	2.73	3.00	2.27	2.93	2.61	2.59
OTHER	4.38	0.00	4.67	5.00	3.28	7.00

MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

TABLE 60. (Q36) STATEWIDE AND REGIONAL DISTRIBUTION OF RUFFED GROUSE HUNTING ACROSS EIGHT TYPES OF LAND DURING THE 1994-95 HUNTING SEASON. (PCT)

LAND TYPE	STATEWIDE	REGIONS 1	2	3	4	5
VDGIF WMA	5.2	9.3	7.2	3.8	3.3	15.2
NAT'L FORESTS	30.2	0.0	23.3	26.1	59.5	27.3
PRIVATE LAND	53.2	50.0	55.0	63.5	29.5	49.5
CORPORATE LAND	2.7	9.4	6.1	1.6	1.3	0.0
HUNT CLUB - PVT. LAND	4.9	0.0	3.9	2.7	4.8	4.0
HUNT CLUB - CORP. LAND	0.2	0.0	0.0	0.0	0.0	0.0
MILITARY LAND	0.3	0.0	1.7	0.0	0.0	2.0
OTHER	3.2	31.3	2.8	2.3	1.6	2.0

TABLE 61. (Q37) STATEWIDE AND REGIONAL SUMMARIES OF PREFERENCES FOR 121-DAY CROW SEASONS. *

SEASON DATES	STATEWIDE	REGIONS 1	2	3	4	5
AUG. 19 - MARCH 16 (MON., THURS., FRI. & SAT. ONLY)	4.24	4.59	4.35	4.23	3.94	4.12
AUG. 19 - MARCH 16 (MON., WED., FRI. & SAT. ONLY)	4.13	4.39	3.88	4.34	3.85	4.42
OCT. 28 - MAR. 16 (EVERY DAY OF THE WEEK, EXCEPT SUN.)	5.25	4.97	5.30	5.66	5.24	4.89

* MEAN SCORES WHERE 1=STRONGLY OPPOSE, 7=STRONGLY FAVOR

TABLE 62. (Q39) PERCEPTIONS OF GUN DEER HUNTERS REGARDING TRENDS IN DEER POPULATIONS IN THE AREA THEY HUNTED IN 1994. (PCT)

TREND	STATEWIDE	REGIONS 1	2	3	4	5
DECLINED DRAMATICALLY	8.0	3.7	5.9	7.6	17.7	3.8
DECLINED	22.1	17.1	20.9	25.6	28.0	18.5
REMAINED ABOUT THE SAME	42.8	46.0	43.5	42.8	36.6	48.0
INCREASED	22.1	27.7	23.1	19.7	14.7	26.3
INCREASED DRAMATICALLY	3.8	3.7	5.5	3.5	2.2	2.6
NO OPINION	1.2	1.7	1.1	0.8	0.7	0.9

TABLE 63. (Q40) OPINIONS OF DEER (GUN) HUNTERS REGARDING THE APPROPRIATE NUMBER OF DOE DAYS. (PCT)

DAYS	STATEWIDE		REGIONS 1	2	3	4	5
INCREASE DAYS	35.0		44.6	35.2	31.8	26.5	38.5
KEEP DAYS THE SAME	44.7		44.0	48.6	41.8	43.6	46.5
DECREASE DAYS	18.0		9.7	14.6	23.8	26.7	13.0
NO OPINION	2.3		1.7	1.6	2.8	3.1	2.0

TABLE 64. (Q45) MEAN RANKINGS OF DEER (GUN) HUNTERS REGARDING THE MOST PREFERRED METHODS OF REDUCING BUCK HARVEST. *

METHODS	STATEWIDE		REGIONS 1	2	3	4	5
SHORTEN ARCHERY SEASON	3.02		3.07	2.89	3.13	3.04	3.11
REDUCE ARCHERY BUCK LIMIT TO 1 ANTLERED BUCK	2.65		2.60	2.63	2.71	2.55	2.76
SHORTEN MUZZLELOADER SEASON TO 1 WEEK	2.89		2.83	2.83	2.95	2.91	3.00
REDUCE MUZZLELOADER BUCK LIMIT TO 1 ANTLERED BUCK	2.53		2.55	2.55	2.61	2.46	2.49
REDUCE REGULAR GUN BUCK LIMIT TO 1 ANTLERED BUCK	3.45		3.65	3.75	3.20	3.12	3.57

* 1=MOST PREFERRED, 5=LEAST PREFERRED

TABLE 65. (Q46) STATEWIDE AND REGIONAL DISTRIBUTION OF DEER (GUN) HUNTING ACROSS EIGHT TYPES OF LAND DURING THE 1994-95 HUNTING SEASON. (PCT)

LAND TYPE	STATEWIDE		REGIONS 1	2	3	4	5
VDGIF WMA	2.5		1.6	3.3	2.0	2.1	3.2
NAT'L FORESTS	12.9		1.6	6.3	33.6	37.8	3.4
PRIVATE LAND	50.2		33.7	51.7	58.8	48.4	55.5
CORPORATE LAND	2.8		1.9	4.6	1.2	1.5	3.2
HUNT CLUB - PVT. LAND	20.6		39.8	20.9	2.8	8.8	23.3
HUNT CLUB - CORP. LAND	7.4		16.2	10.3	0.1	0.0	5.6
MILITARY LAND	1.9		3.2	1.3	0.7	0.2	4.1
OTHER	1.6		2.0	1.6	0.1	1.2	1.8

TABLE 66. (Q48, Q49) STATEWIDE SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.553	5.818	0.265
Q48B	6.032	6.229	0.197
Q48C	5.478	5.681	0.203
Q48D	5.605	5.138	-0.467
Q48E	4.916	4.905	-0.011
Q48F	3.615	3.575	-0.04
Q48G	3.930	3.999	0.069
Q48H	3.100	2.619	-0.481
Q48I	6.139	4.670	-1.469
Q48J	5.791	5.235	-0.556
Q48K	5.523	4.422	-1.101
Q48L	6.497	5.564	-0.933
Q48M	5.311	5.344	0.033
Q48N	5.226	4.442	-0.784
Q48O	2.848	3.112	0.264
Q48P	4.562	4.468	-0.094
Q48Q	5.466	5.679	0.213
Q48R	6.139	5.953	-0.186
Q48S	6.189	5.746	-0.443
Q48T	5.327	3.936	-1.391
Q48U	2.994	3.067	0.073

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

** PERFORMANCE - IMPORTANCE

TABLE 67. (Q48, Q49) REGION 1 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.437	5.718	0.281
Q48B	5.885	6.124	0.239
Q48C	5.203	5.413	0.21
Q48D	5.316	4.910	-0.406
Q48E	4.476	4.512	0.036
Q48F	3.490	3.439	-0.051
Q48G	3.791	3.899	0.108
Q48H	3.148	2.684	-0.464
Q48I	6.053	4.916	-1.137
Q48J	5.642	5.422	-0.22
Q48K	5.244	4.225	-1.019
Q48L	6.485	5.649	-0.836
Q48M	5.419	5.525	0.106
Q48N	5.302	4.535	-0.767
Q48O	4.314	4.963	0.649
Q48P	4.006	4.032	0.026
Q48Q	5.253	5.680	0.427
Q48R	6.023	5.865	-0.158
Q48S	5.997	5.882	-0.115
Q48T	5.345	4.278	-1.067
Q48U	4.493	4.745	0.252

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

** PERFORMANCE - IMPORTANCE

TABLE 68. (Q48, Q49) REGION 2 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.560	5.793	0.233
Q48B	6.055	6.238	0.183
Q48C	5.544	5.717	0.173
Q48D	5.693	5.247	-0.446
Q48E	4.941	4.939	-0.002
Q48F	3.739	3.692	-0.047
Q48G	4.064	4.109	0.045
Q48H	3.111	2.659	-0.452
Q48I	6.090	4.875	-1.215
Q48J	5.770	5.409	-0.361
Q48K	5.565	4.608	-0.957
Q48L	6.507	5.510	-0.997
Q48M	5.330	5.319	-0.011
Q48N	5.286	4.493	-0.793
Q48O	3.370	3.715	0.345
Q48P	4.557	4.660	0.103
Q48Q	5.593	5.848	0.255
Q48R	6.201	6.039	-0.162
Q48S	6.188	5.947	-0.241
Q48T	5.319	4.166	-1.153
Q48U	3.571	3.709	0.138

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

** PERFORMANCE - IMPORTANCE

TABLE 69. (Q48, Q49) REGION 3 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.649	5.910	0.261
Q48B	6.094	6.332	0.238
Q48C	5.573	5.844	0.271
Q48D	5.732	5.341	-0.391
Q48E	5.175	5.233	0.058
Q48F	3.646	3.706	0.06
Q48G	3.942	4.035	0.093
Q48H	2.995	2.503	-0.492
Q48I	6.192	4.497	-1.695
Q48J	5.717	5.067	-0.65
Q48K	5.569	4.464	-1.105
Q48L	6.482	5.658	-0.824
Q48M	5.229	5.294	0.065
Q48N	5.190	4.376	-0.814
Q48O	1.596	1.539	-0.057
Q48P	4.709	4.563	-0.146
Q48Q	5.526	5.635	0.109
Q48R	6.131	6.005	-0.126
Q48S	6.263	5.693	-0.57
Q48T	5.418	3.879	-1.539
Q48U	1.714	1.473	-0.241

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

** PERFORMANCE - IMPORTANCE

TABLE 70. (Q48, Q49) REGION 4 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.690	5.974	0.284
Q48B	6.133	6.279	0.146
Q48C	5.431	5.597	0.166
Q48D	5.669	5.072	-0.597
Q48E	5.074	4.941	-0.133
Q48F	3.391	3.323	-0.068
Q48G	3.765	3.808	0.043
Q48H	3.042	2.429	-0.613
Q48I	6.164	4.085	-2.079
Q48J	5.896	4.773	-1.123
Q48K	5.553	4.284	-1.269
Q48L	6.515	5.497	-1.018
Q48M	5.199	5.276	0.077
Q48N	5.162	4.296	-0.866
Q48O	1.664	1.679	0.015
Q48P	4.655	4.294	-0.361
Q48Q	5.446	5.438	-0.008
Q48R	6.144	5.824	-0.320
Q48S	7.000	5.300	-1.700
Q48T	5.215	3.232	-1.983
Q48U	1.767	1.658	-0.109

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

** PERFORMANCE - IMPORTANCE

TABLE 71. (Q48, Q49) REGION 5 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.567	5.719	0.152
Q48B	6.032	6.177	0.145
Q48C	5.584	5.722	0.138
Q48D	5.529	4.979	-0.550
Q48E	4.828	4.754	-0.074
Q48F	3.613	3.510	-0.103
Q48G	3.974	4.012	0.038
Q48H	3.126	2.680	-0.446
Q48I	6.216	4.944	-1.272
Q48J	5.953	5.535	-0.418
Q48K	5.751	4.496	-1.255
Q48L	6.572	5.533	-1.039
Q48M	5.430	5.301	-0.129
Q48N	5.217	4.386	-0.831
Q48O	3.245	3.626	0.381
Q48P	4.847	4.673	-0.174
Q48Q	5.477	5.757	0.280
Q48R	6.198	6.086	-0.112
Q48S	6.251	5.902	-0.349
Q48T	5.364	4.033	-1.331
Q48U	3.364	3.689	0.325

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

** PERFORMANCE - IMPORTANCE

TABLE 72. (Q48) STATEWIDE & REGIONAL SUMMARIES OF GUN DEER HUNTERS' PERCEPTIONS OF THE IMPORTANCE OF SELECTED ATTRIBUTES ASSOCIATED WITH HARVESTING DEER. *

ATTRIBUTE	STATEWIDE	REGIONS 1	2	3	4	5
Q48V	4.053	4.135	4.109	4.020	3.817	4.100
Q48W	3.511	3.610	3.596	3.433	3.326	3.551
Q48X	5.172	5.065	5.139	5.345	5.087	5.224
Q48Y	3.513	3.653	3.731	3.363	3.082	3.605
Q48Z	4.680	4.508	4.816	4.796	4.454	4.699
Q48AA	5.495	5.056	5.506	5.850	5.588	5.464

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

TABLE 73. (Q38) MEAN NUMBER OF ANIMALS SEEN BY ARCHERY DEER HUNTERS IN 1994-95 BY REGION.

SPECIES	STATEWIDE	REGIONS 1	2	3	4	5
BEAR	0.247	0.051	0.147	0.257	0.545	0.246
BOBCAT	0.225	0.146	0.305	0.222	0.161	0.195
COYOTE	0.087	0.010	0.020	0.240	0.055	0.037
GRAY FOX	1.013	1.667	0.987	0.556	1.027	1.409
MINK	0.096	0.333	0.062	0.043	0.056	0.037
RACCOON	1.743	2.353	1.955	1.897	1.607	1.122
RED FOX	1.473	1.337	0.987	0.960	1.252	3.479
WEASEL	0.015	0.042	0.007	0.006	0.019	0.000

TABLE 74. SUMMARY OF GUN DEER HUNTERS' PERCEPTIONS REGARDING BONUS DEER PERMITS.

PERCEPTIONS	STATEWIDE	REGIONS 1	2	3	4	5
(Q41) PURCHASED BONUS PERMITS '94-95 (PCT)	14.1	18.3	13.8	13.1	11.7	17.4
(Q41A) MEAN NUMBER PURCHASED	1.40	1.47	1.49	1.42	1.28	1.33
(Q42) MAKE PERMITS ANTLERLESS ONLY *	2.81	2.88	2.81	2.83	3.00	2.66
(Q43) WOULD PURCHASE ANTLERLESS (PCT)	43.7	34.8	40.3	44.2	56.3	50.8
(Q44) BAG LIMIT FOR ANTLERED BUCKS	2.6	2.8	2.8	2.5	2.3	2.7

* 1=STRONGLY OPPOSE, 7=STRONGLY FAVOR

Q41A, Q42, Q43 STATISTICS REFLECT ONLY THOSE RESPONDENTS WHO PURCHASED BONUS PERMITS IN '94-'95.

TABLE 75. MISCELLANEOUS STATISTICS REGARDING DOVE & RUFFED GROUSE HUNTING DURING 1994-95.

DOVE	
(Q30) PCT OF HUNTERS WHO LEASE FOR DOVES	20.3% (N=135)
(Q30A) DOVE LEASE ALLOWS OTHER HUNTING?	35.5% (N=48)
RUFFED GROUSE	
(Q32) MEAN YEARS OF GROUSE HUNTING	14.19 yrs. (N=288)
(Q33) PCT OF HUNTERS WHO HUNT WITH DOGS	29.5% (N=85)
(Q33A) PCT OF HUNTERS WHO OWN DOGS	63.5% (N=54)

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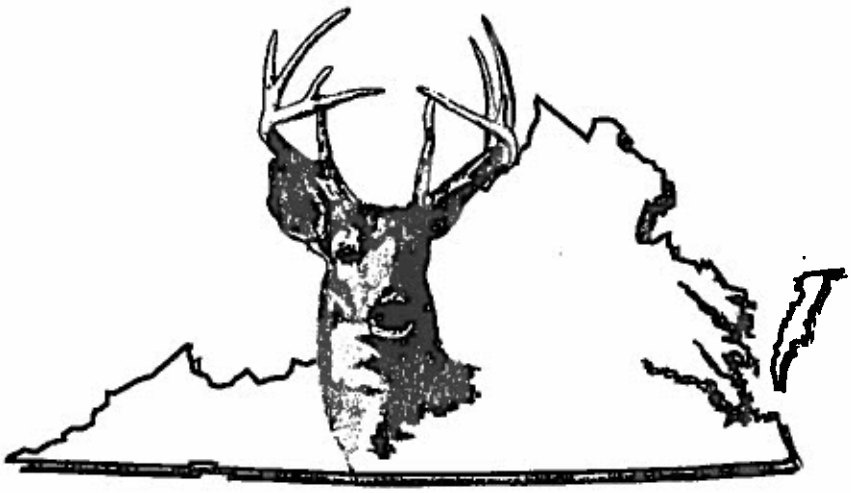
Appendix

Virginia Hunter Survey



Virginia Department of Game and Inland Fisheries
and George Mason University

VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES

HUNTER QUESTIONNAIRE

Please answer each of the following questions completely. **All responses to questions will be kept in strictest confidence. Results from this study will be reported only in an aggregate total, never attributed to any individual.**

1. Did you purchase a Virginia resident hunting license for the 1994-95 hunting season (July 1, 1994 - June 30, 1995)?
   - ❑ Yes
   - ❑ No **(If no, do not go further. Please fold the questionnaire, place it in the return envelope, and return it as soon as possible.)**

2. What type of license(s) did you purchase? (✔ Check all that apply.)
   - ❑ State resident license (allowing you to hunt statewide)
   - ❑ County/City license (allowing you to hunt only in the county/city where purchased)
   - ❑ Senior license (for residents 65 years or older)
   - ❑ Big game license (deer, bear, and turkey permit)
   - ❑ Other (please specify) _____

3. Please indicate the degree to which you favor or oppose each of the following dates when hunting licenses would first be available for purchase each year.

	Strongly Oppose			Does Not Matter			Strongly Favor
a. July 1	❑	❑	❑	❑	❑	❑	❑
b. July 15	❑	❑	❑	❑	❑	❑	❑
c. August 1	❑	❑	❑	❑	❑	❑	❑
d. August 15	❑	❑	❑	❑	❑	❑	❑

On the next page, we would like information regarding the number of game animals you harvested during the 1994-95 hunting season.

INSTRUCTIONS:

- Put the number of animals you **harvested personally** in 1994-95 in each of the boxes below. Be as accurate as possible.
- Do not include game taken by anyone other than you.
- If you hunted an animal, but were unsuccessful, place a zero (0) in the space.
- If you did not hunt a particular animal, leave the space blank.

4. Small Game (Birds) Harvest:

Dove	Quail	Woodcock	Ruffed Grouse	Crow

5. Small Game (Mammals) Harvest:

Rabbit	Gray Squirrel	Fox Squirrel	Groundhog/ Woodchuck

6. Big Game Harvest:

Deer						Turkey			Bear		
Archery		Muzzleloader		Gun					Archery	Gun	
Bucks	Does	Bucks	Does	Bucks	Does	Spring 1994	Fall 1994	Spring 1995		No Dogs 11/28-12/3	Dogs Permitted 12/5-1/7

7. Waterfowl Harvest:

Ducks				Geese	
Mallard	Wood	Black	All Others	Sept. Season	Nov.-Jan. Season

8. Furbearer Harvest:

Red Fox	Gray Fox	Coyote	Raccoon	Bobcat

Next, we would like to know more about the **time** you spent afield. Below, **please indicate the number of days in which each species was the primary animal you hunted**. Count partial days as 1 day hunted.

9. Small Game (Birds) Days Hunted:

Dove	Quail	Woodcock	Ruffed Grouse	Crow

10. Small Game (Mammals) Days Hunted:

Rabbit	Gray Squirrel	Fox Squirrel	Groundhog/ Woodchuck

11. Big Game Days Hunted:

Deer			Turkey			Bear		
Archery	Muzzleloader	Gun	Spring '94	Fall, '94	Spring, '95	Archery	Gun	
							No Dogs 11/28-12/3	Dogs Permitted 12/5-1/7

12. Waterfowl Days Hunted:

Ducks	Geese	
	Sept. Season	Nov.-Jan. Season

13. Furbearers Days Hunted:

Red Fox	Gray Fox	Coyote	Raccoon	Bobcat

Using the map at the bottom of this page, **indicate the region of the state where you most often hunted each species by placing the number corresponding to that region in the space provided**. If you did not hunt an animal, leave the space blank.

14. Small Game (Birds) Region Hunted:

Dove	Quail	Woodcock	Ruffed Grouse	Crow

15. Small Game (Mammals) Region Hunted:

Rabbit	Gray Squirrel	Fox Squirrel	Groundhog/ Woodchuck

16. Big Game Region Hunted:

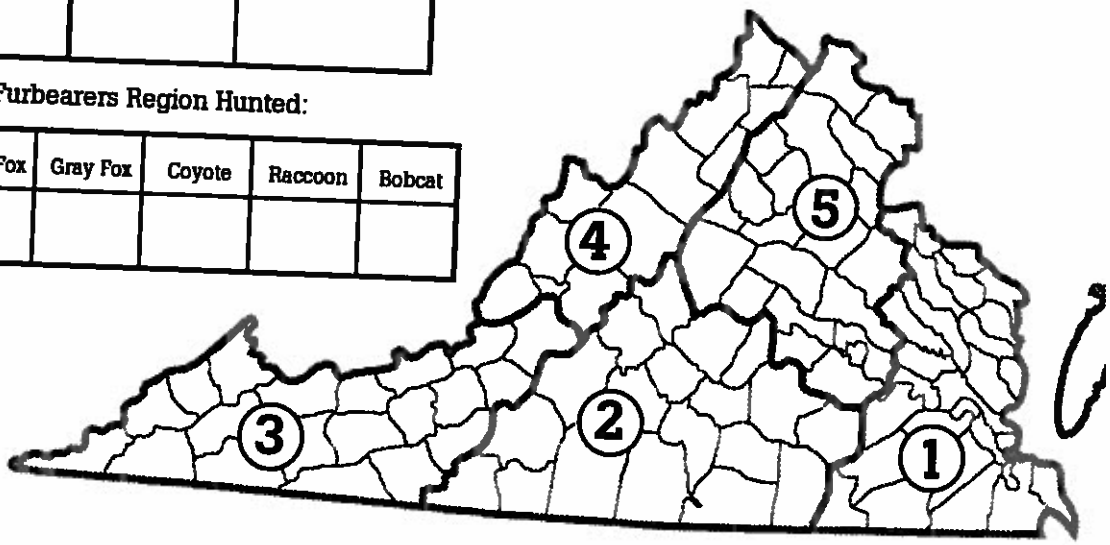
Deer			Turkey			Bear		
Archery	Muzzleloader	Gun	Spring '94	Fall, '94	Spring, '95	Archery	Gun	
							No Dogs 11/28-12/3	Dogs Permitted 12/5-1/7

17. Waterfowl Region Hunted:

Ducks	Geese	
	Sept. Season	Nov.-Jan. Season

18. Furbearers Region Hunted:

Red Fox	Gray Fox	Coyote	Raccoon	Bobcat



19. Next, please indicate the county where you most often hunted DEER (Gun) during 1994. If you did not hunt deer, leave the space blank.

_____ County.

20. Now, indicate the county where you most often hunted TURKEYS during Fall 1994. If you did not hunt turkeys in the fall, leave the space blank.

_____ County.

21. Did you hunt on a State Wildlife Management Area (WMA) during the 1994-95 hunting seasons?

❑ no ❑ yes ❑ not sure

If yes, how many days did you hunt on state wildlife management areas? _____days
(If no, skip to question #24.)

	Poor			Adequate			Excellent
22. Overall, how would you rate the quality of your hunting on WMAs?	❑	❑	❑	❑	❑	❑	❑
23. Overall, how would you rate **your ability to hunt undisturbed** on WMAs during 1994-95?	❑	❑	❑	❑	❑	❑	❑
24. Overall, how do you rate the quality of your 1994 FALL TURKEY season? **(If you did <u>not</u> hunt turkeys in the fall, skip to question #25.)**	❑	❑	❑	❑	❑	❑	❑
25. Overall, how do you rate the quality of your 1995 SPRING TURKEY season? **(If you did <u>not</u> hunt turkeys in the spring, skip to question #26.)**	❑	❑	❑	❑	❑	❑	❑

26. How important is it for you to have the opportunity to hunt BLACK BEAR during the following hunting seasons?

	Not Important			Does not Matter			Extremely Important
a. Bear Dog Training Season	❑	❑	❑	❑	❑	❑	❑
b. Bear Hunting during Archery Deer Season	❑	❑	❑	❑	❑	❑	❑
c. Bear Hunting during Gun Deer Season	❑	❑	❑	❑	❑	❑	❑
d. Bear Hunting with the use of Dogs	❑	❑	❑	❑	❑	❑	❑

27. If you were able to choose the **closing date** for RABBIT season, please indicate the degree to which you **favor or oppose** each of the following **closing date** options:

	Strongly Oppose			Does Not Matter			Strongly Favor
a. January 31	❑	❑	❑	❑	❑	❑	❑
b. February 7	❑	❑	❑	❑	❑	❑	❑
c. February 14	❑	❑	❑	❑	❑	❑	❑
d. February 28	❑	❑	❑	❑	❑	❑	❑

28. If you opposed any of the February closing dates for rabbit season, please indicate the most important reason. (✔ Check only one.)

❑ Rabbit populations would be reduced by extra hunting pressure.
❑ There are too many pregnant rabbits in February.
❑ I do not like change.
❑ It is too cold in February.
❑ Other (please specify)_____

29. How difficult was it for you to locate a place to hunt DOVES during the **1994-95** season? (✔ Check only one.)

❑ very difficult
❑ moderately difficult
❑ slightly difficult
❑ no problem
❑ I do not hunt doves

30. Did you lease land or pay a fee for the opportunity to hunt DOVES during the **1994-95** season?

❑ No ❑ Yes

If yes, did this fee also allow you to hunt other wildlife species?

❑ No ❑ Yes

31. In your opinion, over the past 10 years, has the number of DOVES in your area (✔ Check only one.):

❑ Declined dramatically
❑ Declined
❑ Remained about the same
❑ Increased
❑ Increased dramatically
❑ No opinion

The next group of questions ask for information pertaining to hunting RUFFED GROUSE.
(If you have never hunted ruffed grouse, skip to question #37.)

32. How many years have you made at least one trip specifically to hunt RUFFED GROUSE in Virginia? _____years

33. Do you usually hunt grouse (✔ Check only one):
    - ❑ Without dogs?
    - ❑ With dogs?

If you usually use dogs, do you <u>own</u> dogs for grouse hunting?

❑ Yes ❑ No

34. In your opinion, over the last 10 years, have grouse populations in your area (✔ Check only one.):
    - ❑ Declined dramatically
    - ❑ Declined
    - ❑ Remained about the same
    - ❑ Increased
    - ❑ Increased dramatically
    - ❑ No opinion

35. How important are <u>each</u> of the following factors in limiting your grouse hunting?

	Not Important			Does not Matter			Extremely Important
a. Family obligations	❑	❑	❑	❑	❑	❑	❑
b. Job obligations	❑	❑	❑	❑	❑	❑	❑
c. Lack of places to hunt	❑	❑	❑	❑	❑	❑	❑
d. Low grouse populations (few flushes, low harvest)	❑	❑	❑	❑	❑	❑	❑
e. Prefer other forms of hunting	❑	❑	❑	❑	❑	❑	❑
f. No dogs to hunt with	❑	❑	❑	❑	❑	❑	❑
g. Conflicts with other hunters	❑	❑	❑	❑	❑	❑	❑
h. It is physically too difficult	❑	❑	❑	❑	❑	❑	❑
i. Do not like the taste of grouse	❑	❑	❑	❑	❑	❑	❑
j. Other (please specify) _____	❑	❑	❑	❑	❑	❑	❑

36. Now we would like to know about the types of land on which you hunted RUFFED GROU during the 1994-95 hunting season. Please indicate the number of days and average distance (1-way) you traveled to each of the following types of land:

No. of Days		Average Miles Traveled (1-way)
_____	VDGIF Wildlife Management Area	_____
_____	National Forests (U.S. Forest Service)	_____
_____	Private Land (excluding hunt club or leased land)	
_____	Corporate Land (e.g. Westvaco) (excluding hunt club or leased land)	_____
_____	Hunt Club(s) on Leased Private Land	_____
_____	Hunt Club(s) on Leased Corporate Land	_____
_____	Military Land	_____
_____	Other (please specify) _____	_____

37. Please indicate the degree to which you **favor or oppose** each of the following 121-day **CROW** seasons.

	Strongly Oppose			Does Not Matter			Strongl Favor
Aug. 19-March 16 (Mon., THURS., Fri. & Sat. only)	❑	❑	❑	❑	❑	❑	❑
Aug. 19-March 16 (Mon., WED., Fri. & Sat. only)	❑	❑	❑	❑	❑	❑	❑
Oct. 28-Mar. 16 (Every day of the week, except Sun.)	❑	❑	❑	❑	❑	❑	❑

In this next section, we want to know about your preferences and experiences regarding DEER hunting in Virginia.

38. During the 1994 ARCHERY DEER SEASON, how many times did you SEE each of the following species? In each of the following blanks, place a number reflecting the number animals you saw. If you did not see an animal, place a zero (0). **(If you did not bow hunt for deer during 1994, please skip to question #39.)**

_____	Bear	_____	Mink
_____	Bobcat	_____	Weasel
_____	Red Fox	_____	Raccoon
_____	Gray Fox	_____	Coyote

39. When compared to previous years, would you say the number of deer in the area you hunted in 1994: (✔ Check only one.)

- ❑ Declined dramatically
- ❑ Declined
- ❑ Remained about the same
- ❑ Increased
- ❑ Increased dramatically
- ❑ No opinion

40. In the area where you hunt during Gun-Deer season, would you increase, decrease, or keep the number of **DOE DAYS** as it is now? (✔ Check only one.)

- ❑ Increase the number of doe days.
- ❑ Keep the number of doe days the same.
- ❑ Decrease the number of doe days.
- ❑ No opinion.

41. Did you purchase any bonus deer permits during the 1994-95 deer seasons?

❑ no ❑ yes

If yes, how many sets of permits did you buy? _____sets

42. Currently, each set of bonus deer permits allows the harvest of 1 either-sex deer (either a buck or a doe) and 1 antlerless deer. Please indicate the degree to which you favor or oppose making bonus deer permits legal for **anterless deer only**.

Strongly Oppose			Does Not Matter			Strongly Favor
❑	❑	❑	❑	❑	❑	❑

43. Would you purchase bonus deer permit(s) if they were **only valid for anterless deer?**

❑ no ❑ yes ❑ not sure

44. In your opinion, what should the yearly bag limit be for **antlered bucks?**

_____ bucks per year

45. If the buck harvest needed to be reduced, what method would you prefer to reduce the harvest? Please rank each of the following methods by placing a "1" by the most preferred method, "2" by the second most preferred method, ... "5" next to the least preferred method.

_____ shorten the archery season

_____ reduce the archery buck limit to 1 antlered buck

_____ shorten the early muzzleloader season length to 1 week

_____ reduce the early muzzleloader buck limit to 1 antlered buck

_____ reduce the regular gun buck limit to 1 antlered buck

46. Now we would like to know about the types of land on which you hunted DEER with a g
Please indicate the number of days and average distance you traveled to each of the following types of land:

No. of Days		Average Miles Traveled (1-way
_____	VDGIF Wildlife Management Area	_____
_____	National Forests (U.S. Forest Service)	_____
_____	Private Land (excluding hunt club or leased land)	_____
_____	Corporate Land (e.g. Westvaco) excluding hunt club or leased land)	_____
_____	Hunt Club(s) on Leased Private Land	_____
_____	Hunt Club(s) on Leased Corporate Land	_____
_____	Military Land	_____
_____	Other (please specify)	_____

Now, we would like you to tell us your overall impression of the quality of your **DEER (Gun)** hunting experiences in Virginia during the 1994-95 season. **(If you did not hunt deer with a in 1994-95, you have now completed the survey. Please fold the survey and return it to u soon as possible.)**

	Poor			Adequate			Excelle
47. Overall, how do you rate the quality of your deer (gun) hunting during 1994-95?	❑	❑	❑	❑	❑	❑	❑

48. Next, we'd like you to imagine an **EXCELLENT DEER (GUN) SEASON.** In the next set of questions, please indicate how essential the following attributes are to an excellent deer season. Please put a "check" in the box which best describes your feelings about each or

You may feel some attributes are more essential than others. Check the first box if you fe attribute is **not at all essential** to an excellent season. Check the last box if an attribute i **absolutely essential**. When you feel less certain about how essential the attribute is, ch one of the boxes toward the middle.

	Not At All Essential for Excellence			Nice But Not Essential			Absolut Essentia Excelle
a. Getting away from civilization and everyday problems	❑	❑	❑	❑	❑	❑	❑
b. Being close to nature	❑	❑	❑	❑	❑	❑	❑
c. Maintaining and/or using my equipment	❑	❑	❑	❑	❑	❑	❑
d. Spending sufficient time scouting the areas I intend to hunt	❑	❑	❑	❑	❑	❑	❑
e. Being able to spend plenty of time patterning my firearm	❑	❑	❑	❑	❑	❑	❑

	Not At All Essential for Excellence			Nice But Not Essential			Absolutely Essential for Excellence
f. Watching TV programs about deer hunting	❑	❑	❑	❑	❑	❑	❑
g. Reading magazines about deer hunting	❑	❑	❑	❑	❑	❑	❑
h. Attending seminars to learn more about deer hunting	❑	❑	❑	❑	❑	❑	❑
i. Seeing deer while hunting	❑	❑	❑	❑	❑	❑	❑
j. Seeing and hearing other wildlife while hunting	❑	❑	❑	❑	❑	❑	❑
k. Seeing very few other hunters while hunting	❑	❑	❑	❑	❑	❑	❑
l. Feeling reasonably safe while in the woods	❑	❑	❑	❑	❑	❑	❑
m. Spending time with my hunting companions	❑	❑	❑	❑	❑	❑	❑
n. Teaching someone the skills of hunting deer	❑	❑	❑	❑	❑	❑	❑
o. Hunting deer with dogs	❑	❑	❑	❑	❑	❑	❑
p. Combining deer hunting with hunting other species (e.g., turkeys and/or bears)	❑	❑	❑	❑	❑	❑	❑
q. Getting a shot at a deer	❑	❑	❑	❑	❑	❑	❑
r. The challenge of deer hunting	❑	❑	❑	❑	❑	❑	❑
s. Seeing deer sign (tracks, rubs, scrapes, etc.) while deer hunting	❑	❑	❑	❑	❑	❑	❑
t. Seeing a trophy deer	❑	❑	❑	❑	❑	❑	❑
u. Hunting in areas where hunting with dogs is permitted	❑	❑	❑	❑	❑	❑	❑
v. Displaying a trophy deer, antlers, etc.	❑	❑	❑	❑	❑	❑	❑
w. Killing an anterless deer	❑	❑	❑	❑	❑	❑	❑
x. Killing an antlered deer	❑	❑	❑	❑	❑	❑	❑
y. Killing 3 or more deer	❑	❑	❑	❑	❑	❑	❑
z. Killing a trophy deer to mount	❑	❑	❑	❑	❑	❑	❑
aa. Killing a deer for meat	❑	❑	❑	❑	❑	❑	❑

In the previous section, you told us about the attributes that make for an excellent deer season. Now, we would like to ask you specifically about your deer (gun) hunting during 1994.

49. Please tell us the degree to which you **agree or disagree** with the following statements.

	Strongly Disagree			Neither Agree Nor Disagree			Strongly Agree
During the 1994 deer season, I:							
a. Was able to get away from civilization and everyday problems	❑	❑	❑	❑	❑	❑	❑
b. Felt close to nature	❑	❑	❑	❑	❑	❑	❑
c. Spent sufficient time maintaining and using my equipment	❑	❑	❑	❑	❑	❑	❑
d. Spent sufficient time scouting the areas I hunted	❑	❑	❑	❑	❑	❑	❑
e. Spent plenty of time patterning my firearm	❑	❑	❑	❑	❑	❑	❑
f. Watched plenty of TV programs about deer hunting	❑	❑	❑	❑	❑	❑	❑
g. Read plenty of magazines about deer hunting	❑	❑	❑	❑	❑	❑	❑
h. Was able to attend a seminar(s) to learn more about deer hunting	❑	❑	❑	❑	❑	❑	❑
i. Saw plenty of deer	❑	❑	❑	❑	❑	❑	❑
j. Saw and heard plenty of other wildlife	❑	❑	❑	❑	❑	❑	❑
k. Saw very few other hunters while hunting	❑	❑	❑	❑	❑	❑	❑
l. Felt reasonably safe while I was in the woods	❑	❑	❑	❑	❑	❑	❑
m. Was able to spend plenty of time with my hunting companions	❑	❑	❑	❑	❑	❑	❑
n. Taught someone the skills of hunting deer	❑	❑	❑	❑	❑	❑	❑
o. Had the opportunity to hunt deer with dogs	❑	❑	❑	❑	❑	❑	❑
p. Was able to combine my deer hunting with hunting other species	❑	❑	❑	❑	❑	❑	❑
q. Had the opportunity to shoot at a deer	❑	❑	❑	❑	❑	❑	❑
r. Was personally challenged by deer hunting	❑	❑	❑	❑	❑	❑	❑
s. Saw plenty of deer sign	❑	❑	❑	❑	❑	❑	❑
t. Saw a trophy deer	❑	❑	❑	❑	❑	❑	❑
u. Benefited by hunting in areas where dogs were permitted	❑	❑	❑	❑	❑	❑	❑

Thank you for taking the time to complete this survey. Your answers are very important to the successful management of wildlife in Virginia. If you have questions regarding the study or this questionnaire, please contact the Center for Recreation Resources Policy at (703) 993-2064.

PLEASE FOLD THE QUESTIONNAIRE,
PLACE IT IN THE RETURN ENVELOPE, AND
RETURN IT TO US AS SOON AS POSSIBLE.
THANKS AGAIN!